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COLLEGE
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BETHANY COLLEGE BULLETIN

CATALOGUE NUMBER

1948-1949

1952 - 1953

BETHANY, WEST VIRGINIA

APRIL 1948

. School Year Calendar 1948-49																							
SEPTEMBER								OCTOBER								NOVEMBER							
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CATALOGUE

1948-1949

ANNOUNCEMENTS

for

1948-1949

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Bethany College is on the approved list of colleges of the Association of American Universities and is accredited by the North Central Association of Colleges and Secondary Schools as a degree-granting institution.

Bethany College is a member in good standing of the Association of American Colleges and the American Council on Education. Bethany College is affiliated with the Board of Higher Education of the Disciples of Christ.

Bethany College is recognized by various state departments of education as an institution for the training of teachers. Women graduates of Bethany College are eligible to membership in the American Association of University Women.

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PART I

COLLEGE CALENDAR
BOARD OF TRUSTEES
ADMINISTRATION
FACULTY
COMMITTEES

CALENDAR

First Semester

1948

September 19 to 23, Sunday to Thursday—Freshman Week.
September 22, Wednesday—Registration Day—Sophomores, Juniors and Seniors.
September 23, Thursday—Registration Day—Freshmen.
September 23, Thursday—8:00 A.M., Classes begin for Sophomores, Juniors and Seniors.
September 24, Friday—8:00 A.M., Classes begin for Freshmen.
October 23, Saturday—Homecoming for Alumni and Former Students.
November 20, Saturday—Mid-semester grades are called.
November 25, Thursday—Thanksgiving—A college holiday.
November 27, Saturday—Modern Language Reading Test.
December 4, Saturday—Payment of Advance Enrollment Fee due.
December 11, Saturday—Advance Enrollment for second semester to be completed.
December 13, Monday—Elections to Recognition Societies.
December 18, Saturday—12:00 N., Christmas recess begins.

1949

January 4, Tuesday—8:00 A.M., Christmas recess ends.
January 24 to 29, Monday to Saturday—Final Examinations for first semester.

Second Semester

February 3, Thursday—Registration Day for second semester.
February 4, Friday—8:00 A.M., Classes begin for all students.
April 1, Friday—Mid-semester grades are called.
April 14, Thursday—12:00 N., Easter recess begins.
April 20, Wednesday—8:00 A.M., Easter recess ends.
April 23, Saturday—Modern Language Reading Test.
May 7, Saturday—Payment of Advance Enrollment Fee due.
May 9, Monday—Elections to Recognition Societies.
May 11, Thursday—Reading period begins for Seniors.
May 14, Saturday—Advance Enrollment for first semester of next academic year to be completed.
May 23 and 24, Monday and Tuesday—Comprehensive Examination for Seniors—Written part.
May 25 to May 28, Wednesday to Saturday—Comprehensive Examination for Seniors—Oral part.
May 28 to June 3, Saturday to Friday—Final Examinations for second semester.
June 4, Saturday—Alumni Day.
June 5, Sunday—108th Annual Commencement.

BOARD OF TRUSTEES

TERM EXPIRES JUNE, 1950

W. S. WILKIN	Wellsburg, W. Va.
F. O. CARFER	50 Lincoln Blvd., Kenmore, N. Y.
DR. R. R. RENNER	12900 Euclid Avenue, E. Cleveland, Ohio
SIDNEY C. PORTER	Box 765, East Liverpool, Ohio
REV. A. DALE FIERS	3331 Bradford Road, Cleveland Heights, Ohio
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TERM EXPIRES JUNE, 1949

J. C. MORRIS	East Main, Shelby, Ohio
ALFRED E. WRIGHT	101 Ben Lomond Avenue, Uniontown, Pa.
DR. J. PARK MCMULLEN	Wellsburg, W. Va.
FRANK M. HESSE	Grant Bldg., Pittsburgh, Pa.
DR. RUSSELL B. BAILEY	Wheeling Clinic, Wheeling, W. Va.
GEORGE J. BARTHOLD	Miners & Mechanics Savings & Trust Co., Steubenville, Ohio
REV. JOHN W. LOVE	340 Allison Avenue, Washington, Pa.
ROBERT MCKINNEY	745 Chrysler Bldg., New York, N. Y.
CHARLES E. PALMER	Peoples City Bank, McKeesport, Pa.

TERM EXPIRES JUNE, 1948

THOMAS W. PHILLIPS, JR.	Phillips Hall, Butler, Pa.
JOHN M. SMITH	1321 N. Meridian Street, Indianapolis, Ind.
JOHN MARSHALL	Union Trust Bldg., Washington, D. C.
ROBERT D. HURL	Shelby Salesbook Company, Shelby, Ohio
DANIEL F. MULLANE	202 Kenneth Avenue, Greensburg, Pa.
AUSTIN V. WOOD	Board of Trade Bldg., Wheeling, W. Va.
THOMAS E. MILLSOP	Weirton Steel Company, Weirton, W. Va.
DONALD L. BOYD	P. O. Box 1240, Huntington, W. Va.

Faculty Representative for 1948-1949: Professor E. C. Paustian.

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W. H. CRAMBLET, *President and Treasurer*
N. W. EVANS, *Secretary*

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Mr. Boyd, Chairman, Dr. Bailey, Mr. Mullane, Mr. Patton

EXECUTIVE

Mr. Porter, Chairman, Dr. Bailey, Mr. Barthold, Mr. Boyd, Mr. Hesse, Mr. Hurl, Dr. McMullen, Mr. Mullane, Mr. Palmer, Mr. Phillips, *Mr. Kirkpatrick, Secretary.*

FACULTY RELATIONS

Dr. Renner, Chairman, Mr. Hurl, Mr. Love, Dr. McMullen

FINANCIAL DEVELOPMENT

Mr. Porter, Chairman, Mr. Boyd, Mr. Adkins, Mr. Patton, Dr. Renner, Mr. Wood.

INVESTMENT

Mr. Mullane, Chairman, Mr. Cramblet, Mr. McKinney, Mr. Wright

LIBRARY

Dr. Renner, Chairman, Mr. Adkins, Mr. Barthold, Mr. McKinney

MINISTERIAL TRAINING

Mr. Fiers, Chairman, Mr. Love, Mr. Phillips, Dr. Renner

NOMINATIONS

Mr. Marshall, Chairman, Mr. Morris, Mr. Porter, Mr. Wilkin

STUDENT WELFARE AND ATHLETICS

Mr. Fiers, Chairman, Mr. Adkins, Mr. Carfer, Mr. Palmer, Dr. Tilock

OFFICERS OF ADMINISTRATION

WILBUR HAVERFIELD CRAMBLET	<i>President of the College</i>
BERNAL ROBINSON WEIMER	<i>Dean of the Faculty</i>
FORREST HUNTER KIRKPATRICK	<i>Dean of Students</i>
JOHN GERALD PATTERSON	<i>Director of Admissions and Alumni Secretary</i>
CARROLL B. FITCH	<i>Business Manager</i>
NEWTON WALLACE EVANS	<i>Bursar</i>
EDGAR HUGH BEHYMER	<i>Librarian</i>

FACULTY OF INSTRUCTION*

WILBUR HAVERFIELD CRAMBLET, *President of the College on the M. M. Cochran Foundation.* (At Bethany since 1917, president since 1934)
A.B., Bethany College; A.M., Ph.D., Yale University; LL.D., University of Pittsburgh.

JEAN CORRODI MOOS, *Professor-Emeritus of Music.*
College of Music, Zurich; Royal Conservatory of Music, Leipzig; A.M., Mus.D., Bethany College; Oberlin College; Columbia University. (At Bethany 1897-1934)

HENRY NEWTON MILLER, *Professor-Emeritus of Bible School Pedagogy on the Herbert Moninger Foundation.*
A.B., A.M., Bethany College; Yale University; D.D., Bethany College. (At Bethany 1914-1937)

EBENEZER LEE PERRY, *Professor-Emeritus of Latin.*
A.B., A.M., Bethany College; Yale University; A.M., Columbia University; Litt.D., Bethany College. (At Bethany 1908-1939)

PEARL MAHAFFEY, *Professor of Modern Languages.*
A.B., Miami University; University of California; A.M., Columbia University; University of Grenoble; McGill University; University of Paris; Harvard University; National University of Mexico; Litt.D., Bethany College. (At Bethany since 1908)

ANDREW LEITCH, *Sarah B. Cochran Professor of Psychology.*
A.B., A.M., Butler College; B.D., Ph.D., Yale University; Columbia University; University of Chicago; University of Pennsylvania; Harvard University. (At Bethany since 1920)

¹BERNAL ROBINSON WEIMER, *Dean of the Faculty and Professor of Biology.*
A.B., A.M., West Virginia University; Ph.D., University of Chicago. (At Bethany since 1921)

IRVIN TAYLOR GREEN, *Professor of New Testament and Church History.*
A.B., Transylvania College; A.M., B.D., Bethany College; University of Chicago; D.D., Milligan College. (At Bethany since 1921)

* The names are arranged in order of rank and seniority of appointment.

¹ On leave of absence second semester of 1948-1949.

FORREST HUNTER KIRKPATRICK, *Dean of Students and Professor.*

A.B., Bethany College; University of Dijon; A.M., and Prof. Dipl., Columbia University; University of Pittsburgh; University of London. (At Bethany since 1927)

EMMETT EPHRIAM ROBERTS, *Professor of English.*

A.B., Ohio University; A.M., Ohio State University; New York University. (At Bethany since 1928)

OSBORNE BOOTH, T. W. *Phillips Professor of Old Testament.*

A.B., Hiram College; B.D., Ph.D., Yale University; University of Chicago. (At Bethany since 1929)

¹JOHN J. KNIGHT, *Professor of Physical Education.*

A.B., West Virginia Wesleyan College; University of Michigan; Ohio State University. (At Bethany since 1930)

JOHN STANLEY VALENTINE ALLEN, *Professor of Physics.*

B.S. in E., M.S., Ph.D., Ohio State University. (At Bethany since 1933)

²CHANDLER SHAW, George T. *Oliver Professor of History.*

A.B., Rollins College; A.M., Ph.D., University of North Carolina; American Academy in Rome; Royal University, Perugia, Italy. (At Bethany since 1935)

³REUBEN HAMILTON ELIASSEN, *Professor of Education.*

A.B., St. Olaf College; University of Minnesota; A.M., Columbia University; Stanford University; University of Chicago; Ph.D., Ohio State University. (At Bethany since 1936)

²EARL D. MCKENZIE, *Professor of Modern Languages.*

A.B., Brown University; A.M., Columbia University; University of Frankfurt am Main; Yale University; M.L., University of Pittsburgh. (At Bethany since 1937)

ERWIN C. PAUSTIAN, *Professor of Sociology.*

A.B., Central Wesleyan College; A.M., Northwestern University; University of Chicago; University of Minnesota; Ph.D., Northwestern University. (At Bethany since 1944)

HARRY LAWRENCE ICE, *Director of Ministerial Training and Professor of Religion.*

A.B., A.M., Bethany College; Ph.D., George Washington University; D.D., Bethany College. (At Bethany since 1944)

⁴RICHARD CHAFFEY VON ENDE, *Professor of Music.*

A.B., A.M., Carnegie Institute of Technology; Grove City College; Ph.D., University of Pittsburgh; Pennsylvania State College. (At Bethany since 1945)

CHARLES FLEMING BROWN, *Professor of Chemistry.*

A.B., M.S., Ph.D., West Virginia University. (At Bethany since 1946)

¹ On leave of absence, first semester of 1948-1949.

² On leave of absence, second semester of 1947-1948.

³ On leave of absence, first semester of 1947-1948.

⁴ Resigned, June 1948.

RUDOLPH H. KYLER, *Professor of Economics and Business Administration.*

D. J. U., University of Breslau. (At Bethany since 1946)

WALTER BREWSTER GREENWOOD, *Professor of English.*

A.B., Transylvania College; A.M., Columbia University; Ph.D., University of Cincinnati. (At Bethany since 1947)

GLENN A. JOHNSON, *Professor of Physical Education.*

A.B., Huntington College; A.M., Columbia University. (At Bethany since 1948)

EDGAR HUGH BEHYMER, *Librarian with rank of Assistant Professor.*

A.B., Indiana University; A.B.L.S., University of Michigan; A.M., University of Chicago. (At Bethany since 1941)

BRADFORD TYE, *Assistant Professor of Mathematics and Acting Head of the Department.*

B.S., Alma White College; Rutgers University; M.S., New York University; Columbia University. (At Bethany since 1943)

MARGARET ROBERTS WOODS, *Assistant Professor of Modern Languages.*

A.B., Wellesley College; A.M., Pennsylvania State College; Middlebury College; Columbia University; Colorado College; University of Besancon; University of San Luis Potosi. (At Bethany since 1943)

GEORGE K. HAUPTFUEHRER, *Assistant Professor of Music and Acting Head of the Department.*

A.B., B.M., Friends University; A.M., University of Kansas; Pittsburgh Musical Institute; Juilliard School of Music. (At Bethany since 1945)

S. ELIZABETH REED, *Assistant Professor of Physical Education.*

A.B., Muskingum College; M.Ed., University of Pittsburgh; University of Wisconsin; New York University; University of Wyoming. (At Bethany since 1945)

JOHN GERALD PATTERSON, *Director of Admissions and Alumni Secretary.*

A.B., Bethany College; A.M., University of Virginia. (At Bethany since 1946)

¹DON L. PHILLIPS, *Assistant Professor of Physical Education.*

B.S., Wheaton College; A.M., Purdue University. (At Bethany since 1946)

ELLWOOD DERRICK RUSHWORTH, JR., *Assistant Professor of Music.*

B.S., Westminster College; M.Mus.Ed., University of Michigan. (At Bethany since 1946)

LESLIE WARREN COUGHANOUR, *Assistant Professor of Chemistry.*

B.S., Bethany College; Sc.D., Massachusetts Institute of Technology. (At Bethany since 1947)

LILLIAN L. GRAY, *Assistant Professor of Economics and Business Administration.*

B.S., Grove City College; University of Vermont; A.M., University of Pittsburgh; Harvard University; University of Chicago; American University. (At Bethany since 1947)

¹ Resigned, June 1948.

W. HAROLD KESSELRING, *Assistant Professor of Biology.*

A.B., North Central College; University of Chicago; M.S., University of Illinois; Cleveland College. (At Bethany since 1947)

HELEN LOUISE MCGUFFIE, *Assistant Professor of English.*

A.B., Bethany College; A.M., University of Pittsburgh; Columbia University. (At Bethany since 1947)

AUDREY MAURINE PARKER, *Associate Dean of Students and Social Director.*

A.B., Occidental College; University of Southern California; A.M., Columbia University. (At Bethany since 1947)

JAMES BLAIR MILLER, *Minister of Bethany Memorial Church and Instructor in Religious Education.*

A.B., Bethany College; B.D., Yale University. (At Bethany since 1945)

ELIZABETH BELT, *Registrar and Assistant to the Dean of Students.*

A.B., Bethany College; Columbia University; M.Ed., University of Pittsburgh. (At Bethany since 1946)

¹LEE FIESS BALDWIN (MRS.), *Instructor in Music.*

A.B., Bethany College. (At Bethany since 1947)

¹GLENN A. CHAMBERS, *Instructor in English.*

B.F.A., Drake University; St. Bonaventure College. (At Bethany since 1947)

LOWELL E. BINKLEY, *Instructor in Biology.*

A.B., Ohio Northern University; A.M., Wittenberg College; Ohio State University. (At Bethany since 1947)

ELLA JANE BLAKE, *Instructor in Art.*

B.F.A., Tulane University; Louisiana State University. (At Bethany since 1947)

JOHN M. BOLLING, *Instructor in Chemistry.*

B.S., M.S., West Virginia University. (At Bethany since 1947)

JANE ELLEN DINGLEDINE, *Director of Guidance and Instructor in Education.*

B.S., Madison College; A.M., Columbia University. (At Bethany since 1947)

¹NANCY WOOD FISHER (MRS.), *Instructor in English.*

B.S. of Ed., A.M., Ohio University. (At Bethany since 1947)

VIRGINIA GOODWIN, *Instructor in History.*

A.B., American University; A.M., University of Wisconsin. (At Bethany since 1947)

RHODA YELTON GREENWOOD (MRS.), *Instructor in English.*

A.B., Transylvania College; A.M., Wittenberg College; Michigan State College. (At Bethany since 1947)

¹ Resigned, June 1948.

CATHERINE ELIZABETH MOSER, *Instructor in Mathematics.*

B.S., M.S., University of Pennsylvania. (At Bethany since 1947)

MARGARET JOAN PARRY, *Instructor in Modern Languages.*

A.B., Wells College; A.M., Yale University; Middlebury College. (At Bethany since 1947)

JOHN W. REID, *Instructor in Psychology.*

A.B., Swarthmore College; A.M., University of Pennsylvania. (At Bethany since 1947)

DONNA SHAVER, *Instructor in Physical Education.*

B.S., University of Pittsburgh. (At Bethany since 1947)

HOMER G. SIMS, *Instructor in History.*

A.B., Muskingum College; A.M., Ohio State University; Pennsylvania State College. (At Bethany since 1947)

ALFONSO BERRIOS, *Instructor in Modern Languages.*

A.B., University of Pittsburgh; University of Iowa; A.M. University of Pittsburgh. (At Bethany since 1948)

GLADWIN CHAFFIN, *Instructor in Music.*

A. B., Friends University; A. M., Columbia University. (At Bethany since 1948)

MARY VUKOVICH, *Instructor in Music.*

A. B., Ohio State University; A. M., University of Belgrade. (At Bethany since 1948)

-----, *Instructor in Economics and Business Administration.*

-----, *Instructor in English.*

-----, *Instructor in Physical Education.*

¹WILLIAM H. HANNA, JR., *Associate in Physical Education.*

A.B., Bethany College. (At Bethany since 1946)

ELIZABETH MARSHALL RUSHWORTH (MRS.), *Associate in Economics and Business Administration for 1947-1948.*

B.S., Indiana State Teachers College; University of Pittsburgh.

CAROL JURGENS REID (MRS.), *Associate in Psychology for 1947-1948.*

A.B., University of Pennsylvania.

MARY A. SALESKI, *Visiting Professor of Modern Languages for 1947-1948.*

A.B., Wesleyan University; A.M., Columbia University; Ph.D., University of Leipzig.

¹ Resigned, June 1948.

CRITIC TEACHERS FOR DEPARTMENT OF EDUCATION

Beulah Boyd	J. Marvin Kirkwood
Helen M. Durgom	Mary Nann Knapp
Ralph L. Ely	R. M. McFarland
Ruth Floto	M. Stanley Miller
C. A. Garrison	Virginia Pilchard
Jean R. George	B. R. Randolph
Jarrett Hamilton	Sam Schettino
Carolyn Harvey	Helen Troll
Elma Houseman	Virginia Vincent
C. E. Irvine	Margaret Watson
Mabel V. Jenkins	Regina Weaver

COLLEGE LIBRARY

EDGAR HUGH BEHYMER ----- *Librarian*
 A.B., Indiana University; A.B.L.S., University of Michigan; A.M., University
 of Chicago.

¹CHARLES PENROSE ----- *Assistant Librarian*
 A.B., LL.B., The College of William and Mary in Virginia; A.B.L.S., Univer-
 sity of Michigan.

EDNA WELLING WOOLERY (MRS.) ----- *Cataloguer*
 A.B., Bethany College; Columbia University.

STUDENT HEALTH SERVICE

EDGAR WADE MAHAN, M.D. ----- *College Physician*
 A.B., Bethany College; M.D., University of Maryland.

CATHERINE SPRINGER, R.N. ----- *College Nurse and Superintendent of Infirmary*

WANDA GRAFTON MULGREW (MRS.), R.N. ----- *Associate Nurse*

_____, R.N. ----- *Associate Nurse*

OFFICE OF DEAN OF STUDENTS

ELIZABETH BELT ----- *Registrar*
 A.B., Bethany College; Columbia University; M.Ed., University of Pittsburgh.

JANE ELLEN DINGLEDINE ----- *Director of Guidance*
 B.S., Madison College; A.M., Columbia University.

PHYLLIS HENDRICKSON ----- *Assistant to Dean of Students*
 A.B., Bethany College; University of Toledo.

BEVERLY MIKELS ----- *Associate*
 A.B., Bethany College.

AUDREY MAURINE PARKER ----- *Associate Dean of Students and Social Director*
 A. B., Occidental College; University of Southern California; A. M., Columbia
 University.

SUPERVISORS OF RESIDENCE HALLS

¹MARY LEE STANTON, *Phillips Hall*

MARY BELLE CARMAN, *Zeta Tau Alpha* BESS MAGEE (MRS.), *Phi Mu*

VIRA M. HETTLER, *Gateway Hall* ETHEL D. METZNER, *Kappa Delta*

GRACE HINE (MRS.), *Alpha Xi Delta* MARGARET WILSON (MRS.), *Point Breeze*

¹ Resigned, June 1948.

OFFICE OF BUSINESS MANAGER

HARRY MILTON MYERS	Bookkeeper
DESSIE MAE RUPE (MRS.)	Bookkeeper
LOUISE STEVENS COLE (MRS.)	Assistant Bookkeeper
MADLINE POLK SIEGEL (MRS.)	Cashier
CLAYTON E. BENEDICT	Buildings and Grounds
S. CLEMENT IRWIN	Buildings and Grounds
JAMES GRIBBEN	Chief Engineer
WILLA M. THOMPSON B.S., Columbia University.	Manager of Food Service
CHRISTINE HERRING B. S., Eastern Carolina Teachers College; Woman's College of the University of North Carolina.	Dietitian
_____	Dietitian

OTHERS ON ADMINISTRATIVE STAFF

VINA ADAMS BAIRD (MRS.) A.B., Bethany College.	Assistant to Director of Admissions
RUTH ELIZABETH CLARK	Secretary to Business Manager
NANCY COWEN A.B., Bethany College.	Secretary to the President
FLORA JANE FARMER (MRS.) A.B., Bethany College.	Secretary to the Director of Admissions
EDNA F. GALM	Secretary to the Dean of Students
MARGARET LATZ MCKINNEY (MRS.)	Secretary to the Dean of Faculty

STANDING COMMITTEES OF FACULTY

Admissions and Classifications

Mr. Kirkpatrick, Chairman, Miss Belt, Mr. Leitch, Mr. McKenzie, Mr. Weimer

Athletics and Physical Recreation

Mr. Eliassen, Chairman, Mr. Brown, Mr. Johnson, Mr. Knight, Miss Reed

College Memorabilia and Campbell Mansion

Mr. Ice, Chairman, Mr. Behymer, Mr. Evans, Mr. Green, Mr. Shaw

Faculty Welfare and Security

Mr. Leitch, Chairman, Mr. Booth, Mr. Kyler, Miss McGuffie, Mr. Shaw

Gans Award

Mr. Weimer, Chairman, Mr. Allen, Miss Belt, Mr. Brown, Mr. Eliassen

Honors

Mr. Weimer, Chairman, Mr. Kirkpatrick, Mr. McKenzie, Miss Parker, Miss Parry

Lectures and Concerts

Mr. Behymer, Chairman, Miss Blake, Miss Gray, Mr. Hauptfuehrer, Mr. Roberts

Library

Mr. Weimer, Chairman, Mr. Behymer, Mr. Greenwood, Mr. Kyler, Miss Woods

Ministerial Training

Mr. Booth, Chairman, Mr. Green, Mr. Ice, Mr. Miller, Mr. Paustian

Public Relations

Mr. Patterson, Chairman, Mr. Kirkpatrick, Mr. Knight, Mr. Roberts, Mr. Weimer

Religious Life

Miss Mahaffey, Chairman, Miss Dingleline, Mr. Greenwood, Mr. Miller, Mr. Paustian

Schedule

Miss Parker, Chairman, Mr. Greenwood, Mr. Kirkpatrick, Miss Mahaffey, Mr. Weimer

Scholarships and Financial Aids

Mr. Kirkpatrick, Chairman, Miss Belt, Mr. Fitch, Mr. Ice, Mr. Patterson

Teacher Training

Mr. Eliassen, Chairman, Miss Dingleline, Mr. Johnson, Mr. Leitch, Mr. Rushworth

PART II

ADMISSION

EXPENSES

FINANCIAL AIDS

REQUIREMENTS FOR GRADUATION

HONORS

ADMISSION

GENERAL REQUIREMENTS—Only applicants who are well qualified to benefit from the type of educational experience and academic life available at Bethany College will be admitted. Only students who are graduates of first grade high schools or preparatory schools with class rank in the upper half should apply. It is expected that all applicants will be taking regular academic work as candidates for a baccalaureate degree.

All applicants for admission must furnish evidence of good moral character, sound physical and mental health as well as adequate scholastic preparation. The Committee on Admissions and Classifications will consider the best interests of the applicant and the college before final acceptance is made.

FRESHMAN ADMISSION—Applicants for admission to the freshman class will be judged acceptable in terms of scholastic preparation and intellectual maturity by any one of the following three plans:

I. By Certificate

Applicants from any accredited secondary school may be accepted for admission on presentation of statement signed by proper school authorities, showing the kind and the amount of scholastic work done, provided:

- (a) the scholastic work completed is of such quality as to place the student in the upper half of his class as evaluated by the secondary school.* Exceptions to this may be made only when evidence of considerable validity indicates that the applicant has the ability to do good academic work at the college level. Such evidence may be scores on scholastic aptitude or mental ability tests taken with approval of the Committee on Admissions and Classifications.
- (b) the student's preparatory program includes at least fifteen acceptable units of secondary school work. Students from senior high schools may be admitted with eleven units of senior high school work.**

*Note: Applicants with proper academic standing may be granted acceptance at the end of their junior year, subject to completion of their senior year in a satisfactory manner.

**Note: Not less than one-half unit will be accepted in any subject and not less than one unit will be accepted in any foreign language, algebra, plane geometry, chemistry, physics, or shorthand.

- (c) at least two-thirds of the units of secondary school work accepted for entrance are in English, foreign languages, mathematics, natural science and social studies.

II. *By Examination on Subject Matter*

Students who have not been regularly prepared for college in a recognized secondary school may apply for admission by making a complete statement regarding qualifications and training. Such students can be regularly admitted if they qualify by means of high scores made in a battery of examinations on general educational development given at the college under the direction of the Committee on Admissions and Classifications. The examinations will be given upon the scholastic work covered by the list of secondary units approved by the North Central Association of Colleges and Secondary Schools.

III. *By Cumulative Record*

The Committee on Admissions and Classification will receive cumulative standard test records and other objective data which may give evidence of an applicant's ability to profit by college experience. Such records or data should (1) cover at least the three most recent years of the applicant's school life, (2) provide fairly reliable information as to his intellectual capacity, (3) include an accurate record of the results of comparable achievement measures in various academic subjects. Data obtained from all tests will be interpreted in authenticated comparable terms, such as well established public school or independent school percentiles.

ADVANCED STANDING—Students from other accredited colleges may be admitted upon the presentation of evidence that they have satisfied the general requirements for admission and that they were in good standing in the institution last attended. All applications for admission from students for advanced standing must be accompanied by official certificates stating the nature and extent of college courses completed and all disciplinary or academic items that belong to such a record. Such a statement must be signed by the proper officer of the institution where the work was done.

The evaluation and acceptance by Bethany College of credits earned at an accredited institution will depend upon the quality and nature of the academic work completed. Academic work ranked below

“average” (grade C) will not be accepted. Not more than sixty-five hours will be allowed for junior college work.

Some academic credit may be allowed for training courses and educational experiences in the Armed Services according to the general pattern recommended by “A Guide to the Evaluation of Educational Experiences in the Armed Services” issued by the American Council on Education, provided such courses or experiences are appropriately related to a college of liberal arts and sciences.

Credit will be allowed for work done in non-accredited institutions only by special action of the Committee on Admissions and Classifications. This Committee may require that the applicant be classified one class below that attained in the institution from which the credits were presented.

A student transferring to Bethany cannot be granted a degree unless he has been in attendance at the college at least during his senior year.

Effective as of 1945-1946, all former Bethany College students who were in the Armed Services for any length of time and may now be classified as Veterans of World War II will be allowed eight semester hours of academic credit with record made as follows:

- * *Physical Education and Personal Hygiene* 8 semester hours
- * *granted for service in World War II*

The granting of this credit will automatically relieve all such students from taking courses in physical education which are required for the baccalaureate degree.

This credit will be in addition to, and not counted as duplicating, courses in physical education which the student may have already completed. This credit will not bar him from taking any additional courses in physical education and it will not count as satisfying any courses in physical education which may be specifically required to complete a major in that department.

SPECIAL STUDENTS—A very limited number of students who are not candidates for a degree may be admitted to the college as “unclassified students” with permission to pursue selected courses. Approval for enrollment in this manner will be given only if the applicant can satisfy the Committee on Admissions and Classifications that he can pursue the courses with profit, that he has a serious purpose in mind, and that he can meet the general requirements as to health, character and mental ability.

MEDICAL REQUIREMENTS—After the candidate's admission the parents and family physician will be asked to provide the Dean of Students and the College Physician with a medical history adequate for the understanding of any problems which may arise. Each candidate must also present evidence of having had a successful smallpox vaccination and two injections of tetanus toxoid within a three-year period prior to entrance. The college reserves the right at any time to require the withdrawal of a student when in its opinion his physical or mental condition is such that his interests and those of the college would be better served by such withdrawal.

ADVANCED STANDING BY ACHIEVEMENT TESTS—Any students who have anticipated the subject matter of any of the prescriptions for baccalaureate degrees listed under the requirement of hours may make application to take an achievement test. If the result of this test indicates sufficient mastery of the subject the prescription will be waived. Passing the achievement tests will not give credit in hours toward the degree. The application for an achievement test should be made to the Committee on Admissions and Classifications. It should state the achievement tests which the student desires to take and the basis of his preparation for the test.

PLACEMENT TESTS FOR FRESHMEN—For purposes of educational guidance all freshmen are required to take placement examinations in certain academic subjects such as English, history, and foreign languages. These examinations are given before the final registration at the beginning of the college year in order that failures due to misplacement in courses may be avoided if possible. The type of examination used is designed to test the readiness with which the student can adapt his knowledge to the requirements of college work. The results of these examinations are used to determine a student's placement in courses and in sections.

"FRESHMAN WEEK"—The college recognizes the need of giving its newly entering students some introduction to their work, and for this purpose it requires freshmen to come to Bethany two or three days before the formal registration of all other students. This "Freshman Week" is devoted to efforts to help the freshmen get a proper adjustment and to allow time for proper evaluation and registration.

The time designated for "Freshman Week" will be used for the following activities:

- a. Registration and payment of fees.
- b. Physical examination.
- c. Placement and achievement tests which will enable the faculty to place the student in the classes for which he is best fitted.
- d. Getting acquainted with the faculty, staff and equipment of the college.
- e. Conferences with the faculty counselor as to educational and vocational program.

Attendance during "Freshman Week" is required of all who will enter as freshmen.

METHOD OF ENROLLMENT—All business matters related to the enrollment of new students are in charge of the Director of Admissions. The formal Application for Admission, together with the application fee of \$2.00 should be mailed as early as possible to the Director of Admissions.

The application form requires rather complete data as to the applicant's personal and educational background together with an official record of secondary school work. Personal references will be required of all applicants and will be checked by the Director of Admissions. The Committee on Admissions and Classifications will review applications within four weeks after they are received and notice of action taken will be sent directly to the applicant.

RESERVATION OF DORMITORY ROOMS—All rooms in college dormitories must be engaged in advance. Upon acceptance by the Committee on Admissions and Classifications, the applicant will be furnished the proper room application blank by the Director of Admissions.

A guarantee and breakage deposit fee of \$10.00 must be submitted with the room application. In the case of withdrawal—from the dormitory or from college—after the room reservation has been filed, the guarantee and breakage deposit fee is forfeited. An applicant for admission who finds that it will be impossible to enter college can obtain a refund of this fee if notice is given to the Director of Admissions in writing at least 90 days prior to Registration Day.

Plans showing the arrangement of rooms in the dormitories, detailed statement of prices and reservation blanks may be obtained from the Director of Admissions.

EXPENSES

TUITION—The tuition for each semester is two hundred dollars for fifteen academic hours or less. For each academic hour in excess of fifteen an additional thirteen dollars and fifty cents is charged. Tuition for special students carrying less than twelve hours is sixteen dollars per semester hour. Special fees will be charged as usual in such cases.

By special action of the Board of Trustees members of the families of home and foreign missionaries actively in service are allowed free tuition for regular academic work at the college.

ADMISSION FEE—A fee of two dollars is required with each Application for Admission. This fee is not refundable.

ADVANCE ENROLLMENT FEE—At the time an applicant is accepted for admission to the college, the Advance Enrollment Fee becomes payable. Payment of this fee is a guarantee of intention to enter the college and entitles the applicant to complete his registration at the regular period of enrollment for the semester involved. During each regular semester a period is set aside as indicated in the "College Calendar" for Advance Enrollment for the following semester. The Advance Enrollment Fee is twenty-five dollars. It is non-refundable, but it will be applied to the regular expenses of the following semester if the student is enrolled.

ROOM DEPOSIT FEE—To reserve a room in a college dormitory it is necessary for each student to make a breakage and guarantee deposit of ten dollars. The college reserves the right to make legitimate charges against this fee for any damage done to the room or its furnishings during the year of occupancy and to declare the forfeiture of the deposit if keys are not returned immediately after the room is vacated. This fee is not refundable, in any part, if the room application is cancelled or the room vacated, regardless of cause, during the college year.

GENERAL STUDENT FEE—The general student fee of twenty-five dollars covers activities and services as follows:

Athletics	\$5.00
Health Service.....	\$7.50
Library	\$5.00
Lectures and Concerts.....	\$1.50
Student Activities under direction of Student Board of Governors	\$6.00

BOARD—All students are expected to board in college dining halls. Young women will board at Phillips Hall and young men at Bethany House. Board is one hundred seventy-five dollars for each semester. This must necessarily be subject to revision at any time due to the uncertainties of the costs involved in the operation of food service.

The charge for board is for a full semester and is not subject to refund, in whole or in part, unless the student withdraws from college. Those students who live outside of Bethany and desire permission to board elsewhere than in a college dining hall must secure such permission in advance from the Dean of Students.

MEN'S RESIDENCE HALLS

COCHRAN HALL—The rent for rooms in this hall is eighty dollars per semester for each student. Rooms are set up for occupancy by one or two students.

POINT BREEZE HALL—The rent for rooms in this hall is eighty dollars per semester for each student. Rooms are set up for occupancy by two or three students.

SUPPLEMENTAL DORMITORIES — The F.P.H.A. has furnished temporary dormitory housing for students attending the college and eligible for education and training under Public Law 16 or Public Law 346. These buildings are arranged in suites with accommodations for four men in each suite. These facilities are operated with rates and management plan approved by the F.P.H.A.

Young men rooming in any college dormitories are expected to furnish their own bed linen, blankets, pillow, towels, study lamps, rugs, dresser covers, window curtains and bedspreads. They are expected to care for their own rooms and to keep them in good order at all times.

WOMEN'S RESIDENCE HALLS

PHILLIPS HALL—The rent for rooms in this hall is eighty dollars per semester for each student. Rooms are set up for occupancy by one, two or three students.

GATEWAY HALL—The rent for rooms in this hall is eighty dollars per semester for each student. Rooms are set up for occupancy by one or two students.

DORMITORY HOUSES—These buildings include Helwig House, Colonial House, Shady Lawn and such other dwelling houses as may be available.

Rooms in certain of these houses are reserved for young women affiliated with sorority groups. They are rented by the individual student who signs a rental contract for her room under the same conditions which apply in other residence halls, but the sorority group is responsible for providing a minimum number of occupants. If this number is not provided, the group can be charged a monthly rental to take care of the loss of income to the college.

The rent for rooms in these houses is seventy-five dollars per student when operated as a dormitory by the college. When the house is occupied by a sorority group, the rent is seventy dollars per student. Single and double rooms are available.

Young women rooming in any of the college dormitories are expected to furnish window curtains, bed linen, bedspreads, blankets, pillow, towels, study lamps and rugs. They are expected to care for their own rooms and to keep them in good order at all times.

OPERATION OF RESIDENCE HALLS

Room assignments in all college dormitories are made for the academic year. For freshmen, they are made in the order of application; for upperclassmen, in the order of class membership, supplemented by the drawing of lots. Any request for a change of assignment must be approved by the officer in charge and a new contract issued. Preference is given to upperclassmen only for a limited time.

Residence halls will be open for freshmen for each semester the day before Freshman Week and for all other students the day before registration. Residence halls will be closed and students are not expected to stay in Bethany when college is not in regular session.

Bethany College reserves all rights in connection with the assignment, termination of occupancy and reassignment of rooms in all dormitories.

ESTIMATED EXPENSES FOR SEMESTER

Tuition	\$200.00
Room in College Dormitory	\$70.00 to \$80.00
Board at College Dining Hall	\$175.00
General Student Fee	\$25.00
Books (Estimated)	\$20.00
	\$490.00 to \$500.00

To the above costs must be added fees for special courses, clothing, laundry, travel and personal spending money. The other items are not unusual but the total amount needed will be determined by the individual student.

The college is required to collect the West Virginia Sales Tax of 2 per cent on room and board in addition to published charges for the same.

LABORATORY AND COURSE FEES

Art 13, 14, 17, 18, 25, 26, 31, 32, 39, 40_____	\$5.00	per semester
Biology 11, 12, 35, 36, 48, 53, 54, 57, 65, 67, 68, 76, 78_____	\$8.00	per semester
Biology 34_____	\$6.00	per semester
Biology 91, 92 (each hour)_____	\$8.00	per semester
Chemistry 11, 12, 15, 16, 31, 67, 68_____	\$8.00	per semester
Chemistry 32, 34, 61, 62_____	\$12.00	per semester
Chemistry 91, 92 (each hour)_____	\$8.00	per semester
Education 72 _____	\$4.00	per semester
Education 81, 82_____	\$20.00	per semester
Journalism 53, 63, 64, 71, 72, 74_____	\$5.00	per semester
Journalism 65, 66_____	\$3.00	per semester
Mathematics 24 _____	\$5.00	per semester
Physics 21, 31, 32, 36, 54, 63, 67, 68, 69_____	\$5.00	per semester
Physics 91, 92 (each hour)_____	\$5.00	per semester
Psychology 53, 54, 62, 64_____	\$5.00	per semester
Speech and Dramatics 51, 71, 72_____	\$2.00	per semester

BREAKAGE AND GUARANTEE DEPOSITS

Certain fees are charged to cover cost of materials placed in the hands of students or as a guarantee of proper performance of duties assigned. Unused balances of these fees are refunded at the end of the college year.

Biology 34_____	\$5.00	per semester
Biology 53, 54_____	\$3.00	per semester
Chemistry 11, 12, 15, 16, 31, 75, 76, 91, 92_____	\$3.00	per semester
Chemistry 32, 34_____	\$6.00	per semester
Chemistry 61, 62, 67, 68_____	\$7.00	per semester
Chemistry 77, 78 (travel)_____	\$10.00	per semester

Deposit on lock in gymnasium	\$1.00
Guarantee deposit for student employment	\$5.00

NOTE: A deposit on locker keys is charged to all students enrolling in activity courses in physical education or to those reserving lockers in the gymnasium for personal use.

MUSIC FEES

Private Lessons, two lessons a week, per semester	\$55.00
Private Lessons, one lesson a week, per semester	\$30.00
Organ Practice, one hour each day, per semester	\$20.00
Piano Practice, one hour each day, per semester	\$5.00
Piano Practice, three hours per week, per semester	\$3.00
Practice Room for instrumental music, one hour each day, per semester	\$2.00

OTHER SPECIAL FEES

Admission Fee for all new students (This fee must be paid before any action is taken on Application for Admission.)	\$2.00
Advance Enrollment Fee for each semester (This amount will be applied on the student's account for the following semester.)	\$25.00
Auditing a course, per semester hour	\$5.00
Comprehensive Examination (For students not in residence or for special examination.)	\$25.00
Each academic hour when less than twelve, per semester	\$16.00
Each change in registration after first two weeks	\$1.00
Freshman Week Fee (First semester only) (Freshman Evaluation and Orientation Program, etc.)	\$10.00
Graduation and diploma fee	\$10.00
Infirmery charge per day (after four days)	\$2.00
Late registration, first three days, per day	\$2.00
Guidance and advisement service (pre-college)	\$10.00
Special Final Examination in any department or course	\$5.00
Special placement or achievement test in any department	\$5.00
Transcript fee (after first issue)	\$1.00

SUMMER TERM EXPENSES—Tuition for courses taken during the Summer Session of 1949—if there is such a session—of the college will be charged at the rate of \$16.00 per credit hour. Charges for required and special fees will be determined in the light of services available to the individual student. Board and room will be determined on the basis of time the student is in residence and at the rate of \$15.00 per week. The West Virginia Sales Tax applies and must be collected on room and board.

PAYMENT OF ACCOUNTS—At the time of registration for each semester an invoice will be prepared for each student, listing all charges due the College for the semester. The total amount shown on the invoice is due and payable on Registration Day and the student is not considered to be registered until such payment is made. All accounts are payable to the Bursar of Bethany College.

Upon request and with approval of the Business Manager a period of two weeks following Registration Day may be allowed for payment of the invoice. It is to be required of each student, however, that he make a minimum payment on Registration Day of \$50.00. Scholarship awards or grants do not apply on this minimum payment. In case the total of the invoice is less than \$50.00 the full amount must be paid.

The College is not prepared to handle the financing of student accounts. It has, therefore, made arrangements with the Tuition Plan, Inc. whereby student accounts may be paid on a monthly basis. The charge for this service is 4% of the amount financed. It is desirable that arrangements be made to use this plan prior to the registration period. Information and the necessary contract forms are available through the Business Manager of the College. The contract must be signed by the parent or guardian of the student. It should be in the Business Manager's Office prior to the expiration of the two week period in lieu of payment in full.

When a student's account is not paid in full on Registration Day, it is charged with an additional 10% carrying fee. This is cancelled on such part of the account as is paid or on which monthly payment arrangements have been made within the two week interval following registration. After that the 10% charge becomes a part of the regular account.

No student will be allowed to receive academic credit of any kind in any semester until all his financial obligations to the college have been met. In case a student withdraws from college, tuition, board, and room rent are refunded on a pro rata basis, figured to the end of the week in which withdrawal takes place. Scholarship awards are not applied on the accounts of students who withdraw before the end of the semester. Special fees are not refunded.

Freshmen will report on Sunday, September 19, 1948, and the "Freshman Week" fee, is payable on the following day. The "Freshman Week" fee covers board and room for the days of this week that are given over to freshman orientation and academic placement activities.

PUBLIC LAW STUDENTS—Veterans who are certified under Public Law 16 or Public Law 346 are permitted to pay their expenses as invoiced at the time of registration on a monthly basis. They are, however, required to make the minimum payment of \$50.00 in order to complete their registration if they are to live in a college residence hall or board in a college dining hall. This payment will be credited to the portion of the student account which the Veterans Administration does not pay directly.

The balance due to the College should be paid in equal monthly amounts the first of each month. The expenses for each month are required to be paid in advance.

All veterans of World War II who are admitted to the College without Certificates of Eligibility and Entitlement from the Veterans Administration are required to make the same financial arrangements as all other students.

Registration in the College by a veteran is completed with the understanding that if there is any portion of the charges billed to the Veterans Administration and subsequently disallowed, those charges become the responsibility of the veteran and will be paid by him on the same basis as other student charges.

SCHOLARSHIPS AND FINANCIAL AIDS

Bethany College can provide financial aid through scholarships, loans and employment for a limited number of deserving students who are not able to meet college expenses without such help. All such assistance is administered by the Committee on Scholarships and Financial Aids. Only students who are in need of financial help should apply.

Candidates for admission to the freshman class who wish to apply for financial aid should make such application in writing to the Director of Admissions as early as possible. All applications from new students must be accompanied by a transcript of secondary school work, letters of recommendation, and the required Application for Admission and Admission Fee.

Upperclassmen who need financial aid—either scholarship or employment—should make application in writing to the Dean of Students before the end of the current academic year.

SCHOLARSHIPS

Scholarships at Bethany College are of four kinds: Competitive Examination, Honor, Alumni Regional, and Trustee. Such awards are for the benefit of qualified students who cannot meet college expenses without such help. The Committee makes awards on the basis of academic accomplishments, constructive participation in college activities, and general deportment.

The yearly stipend that goes with each scholarship award is applied on the tuition charge on the basis of one-half for the first semester and one-half for the second semester.

Students will be eligible to receive only one award. Students qualifying for more than one must select the award which they prefer to accept. Most scholarships are awarded to freshmen on a four-year basis but they are subject to review and cancellation at the end of each year. They are continued from year to year only if the recipient has met the following conditions:

1. His scholarship index must average 2.50 in each academic year.
2. His financial obligations to the college must be met promptly.
3. His influence in the student body should be, in every sense, wholesome and helpful.

4. He shall make a worthwhile contribution to the life of the college and the college program.

It is understood that the following reasons will operate to cancel any particular scholarship award at the end of any academic year:

1. Failure to maintain a scholarship index of 2.50.
2. Serious academic censure for any cause.
3. Unsatisfactory deportment.
4. Withdrawal from college.
5. Failure to contribute in a constructive manner to college activities.

When a scholarship has been cancelled for any cause, it can not be awarded again to the same student.

COMPETITIVE EXAMINATION SCHOLARSHIPS—Early in the spring the college holds a competitive scholarship examination for seniors in high schools and preparatory schools and scholarships are awarded to students making top scores on the examination. Scholarships of \$1,000, to be applied on tuition at the rate of \$125 each semester for four years, are awarded to the five men and the five women making the highest scores. The next ranking five men and five women receive \$600 awards to be applied on the tuition at the rate of \$75 each semester for four years. The recipients of these scholarships are subject to all the general rules governing scholarships as listed above.

HONOR SCHOLARSHIPS—A limited number of scholarships are awarded to entering freshman students who rank in the highest honor group of their secondary school graduating class. These provide a stipend of \$600 to be applied on tuition at the rate of \$75 per semester for four years. The recipients of these scholarships are subject to all the general rules governing scholarships as listed above.

ALUMNI REGIONAL SCHOLARSHIPS—Alumni Regional scholarships are awarded to college men of unusual ability upon recommendation of alumni groups in various districts, and the Committee on Scholarships and Financial Aids. These scholarship awards are for the amount of \$1,200 applicable on the tuition account of the student at the rate of \$150 per semester for four years.

To be eligible for any one of these awards, the student must come from the upper quarter of his high school or preparatory school graduating class, he must have demonstrated interest and ability in extra-curricular activities by active participation, he must be well recommended by responsible secondary school officers and he must have the endorsement of five alumni of Bethany College in his area. The recipients of these scholarships are subject to all the general rules governing scholarships as listed above. Students in college will be considered in special instances on the basis of accomplishments and citizenship in college. The total number of Alumni Regional scholarship awards is limited to fifteen.

TRUSTEE SCHOLARSHIPS—A limited number of scholarships of \$100 or \$150 are awarded to entering freshmen and upperclassmen who would not be able to attend college without such financial help. These scholarships are awarded for a period of one year. The recipients of these scholarships must have completed satisfactory academic work for the year preceding application.

MINISTERIAL TRAINING AID

Students who are preparing for full time Christian service in the field of the ministry, religious education, and missions, may be able to get additional financial aid through grants-in-aid that are made possible by contributions from churches and individuals. This program is under the supervision of the Director of Ministerial Training. It is open only to those who are preparing for full time service with the Disciples of Christ.

DESIGNATED SCHOLARSHIPS

The following scholarships, counted as Trustee Scholarships, have been especially designated by friends of the college and are part of the total resources available for financial aid to students:

Mary A. Morrison Scholarship—This is a scholarship covering three-fourths of the cost of tuition.

Isaacs Mills Scholarship—The scholarship covers a part of the tuition charge, the benefits of which are to be received by a ministerial student.

G. A. Willett Scholarship—This scholarship of \$100 per semester applies on tuition. The student receiving the benefit of the same is to be nominated by a member of the Willett family.

Isaac Brown Scholarship—This scholarship covers \$30 on tuition cost per semester.

Albert C. Israel Scholarship—This scholarship yields \$20 per semester to apply on tuition of a descendant of Albert C. Israel.

Jennie I. Hayes Scholarship—The income from this scholarship fund is awarded for the purpose of helping students who are preparing for the mission field or the ministry. The students who receive the benefits of this scholarship are to be nominated by the donor.

Ida M. Irvin Scholarship—The income from this scholarship fund is awarded to students who have reached the senior year in their college course. The students receiving benefits from this scholarship are to be nominated by the Dean of Students.

Herbert Moniger Scholarship—A scholarship endowed in memory of Mr. Herbert Moninger, a graduate of the college.

Josiah Wilson Scholarship—As a memorial to Josiah N. and Wilmina S. Wilson and Nora B. Wilson a scholarship fund was established by Josiah N. Wilson. The income is used to aid some student or students who are preparing for the Christian ministry.

The John H. and Ida H. King Scholarship Fund—The income from this scholarship fund is awarded to students at Bethany College under terms approved by the Trustees of the college in accordance with the will of the donors.

M. M. Cochran Scholarships—Scholarships covering a part of the tuition charge. The students who receive the benefits of these scholarships are to be nominated by the President of the College.

Minnie W. Schaefer Awards—The income from a fund of \$8,000 set up by the will of Mrs. Minnie W. Schaefer of Mt. Vernon, Ohio, to be awarded students planning for definite Christian service.

J. T. Smith Awards—The income from a fund of \$17,500 established by J. T. Smith of Memphis, Tennessee, to be made available for students preparing for the Christian ministry or some other form of Christian service.

William Kimbrough Pendleton Scholarship Fund—The income from a fund of \$20,000 set up by the will of Clarinda Pendleton

Lamar in memory of her father, William Kimbrough Pendleton, member of the first faculty and second president of the college (1866-1889), is to be awarded in one or more scholarships each year to one or more citizens of West Virginia. These awards may be in the form of loans or outright gifts as determined by the Committee on Financial Aids.

THE GANS FUND AWARDS—Awards are made from this fund to juniors and seniors at Bethany College and to graduates of Bethany College engaged in study and research elsewhere who have shown "evidence of merit and promise in the field of science." Funds so awarded will be available for approved study and research in some specific field.

RHODES SCHOLARSHIPS—Men who have completed their sophomore year at Bethany College are eligible to compete for the Cecil Rhodes Scholarship, tenable for three years at Oxford University, England. These scholarships are awarded on the combined basis of character, scholarship, athletic ability, and leadership in extra-curricular activities. Further information may be obtained from the Dean of Students.

FOREIGN EXCHANGE FELLOWSHIPS—Each year at least two students direct from foreign countries come to Bethany to study on fellowships provided by the college administration. These students come to interpret their own people and their national culture to American student life. These awards are made only to students who are recommended by the Institute of International Education.

FINANCIAL AIDS

COLLEGE LOAN FUNDS—Loans from the Bethany College Funds may be obtained by students on complying with the conditions governing the same. Approved security is required from all those borrowing from the fund. These loans are without interest while the student is in Bethany College and notes are drawn to mature four months after graduation or withdrawal from college. All notes bear interest from the date of their maturity.

Applications for loans must be made to the Committee on Financial Aids. All financial obligations to the college including notes to the loan fund must be paid before an official transcript of the student's academic record can be issued.

STUDENT EMPLOYMENT—Limited opportunities for students to earn money for college expenses are afforded, but under no circumstances is it possible for a student to earn all of his expenses. The college may not be able to provide student employment of any kind beyond \$200 as a total for one year.

Applications for student employment must be filed on a proper form and must be accompanied by a deposit of \$5.00 as a guarantee of faithful performance. A careful study of the student's needs and general welfare will be made by the committee caring for student employment as each application is considered. Applications for student employment should be filed with the Dean of Students or the Director of Guidance.

Prospective students should not consider beginning a college career unless adequate financial arrangements have been made for at least the first year. A few students may find it possible to earn enough money to pay a considerable part of their expenses. It is advisable, however, for new students to adapt themselves academically before attempting outside work.

PLACEMENT

The Director of Guidance is concerned with placement service and his office is available for students and prospective employers. He assists students needing to secure part-time employment while attending college and those who need to find summer work; he helps members of the graduating class who are seeking their first positions or making applications for graduate fellowships; and he gives as much assistance as possible to alumni on request. The office does not undertake to find employment for anyone or to assume the responsibility for making all contacts with prospective employers.

REQUIREMENTS FOR GRADUATION

DEGREES—Bethany College confers, at formal graduation exercises, upon students who have satisfied all appropriate requirements and have maintained high standards of character the degree of Bachelor of Arts or Bachelor of Science.

REQUIREMENT OF HOURS—Candidates for either of the baccalaureate degrees are required to complete a total of 126 semester hours of academic work for graduation. Of this number, forty semester hours must be in courses in the upper division and six semester hours must be in physical education. Only twelve hours in applied music or art can be used toward meeting the minimum requirement.

DISTRIBUTION REQUIREMENT—Candidates for graduation are required to complete course work in several of the major departments of the college. Such courses have been designated by the faculty as representing an "introduction to general education."

The following specific course requirements must be met by all candidates for the baccalaureate degree:

English composition or literature.....6 hours

Foreign language

A reading knowledge of one of the foreign languages offered at the college or approved by the Committee on Admissions and Classifications. This requirement may be satisfied by the completion of the second year course in the language at the college level; or by written and oral examination given under the direction of the Department of Modern Language or the Department of Classics.

Biology, Chemistry, Mathematics, or Physics.....6 hours

Biblical Literature, i.e., courses in Old and New

Testament6 hours

History, Political Science, Economics, or Sociology.....6 hours

Psychology, Philosophy, or Education.....6 hours

Physical Education, i.e., two hours in personal hygiene

and four hours in activities courses.....6 hours

Candidates for the Bachelor of Science degree must present at least forty semester hours from courses taken in Biology, Chemistry, Mathematics or Physics. Of these forty semester hours, at least twenty-five of them must be in the upper division.

REQUIREMENT OF QUALITY POINTS—Quality points, awarded on the basis of final grades received, are required for graduation. At least 252 quality points must be earned and of these at least eighty must be earned in upper division courses.

REQUIREMENT OF MAJOR—The department in which a student elects to major shall determine specific requirements for the student, not only of work to be done in the major department, but courses to be completed in other departments to buttress the major. The general outline of requirements for each major is listed in the section of this bulletin that carries Courses of Instruction. With the approval of the Dean of the Faculty certain modifications can be made to meet the needs of the individual student.

It is expected that no major will include less than 24 semester hours and that at least 12 semester hours in the major field must be completed in the courses in the upper division. At least 48 quality points must be earned in the major department. These represent the minimum for the college. The department offering the major may require more than this minimum. In all cases it is expected that the student will complete a large part of his major work in the junior and senior years.

The major is usually confined to work in a single department, but related departments may offer "functional majors" embracing work in two or three departments, if the work is planned and administered as "an integrated unit."

REQUIREMENT OF MINOR—In addition to the major each student must elect a minor subject. The professor in charge of the major subject should approve the minor selected. In most cases it should have some relationship to the major. At least 18 semester hours must be completed in the minor. A minimum of 36 quality points is required in the minor.

REQUIREMENT OF EXAMINATION—A comprehensive examination—both written and oral—is required of each candidate for a degree at Bethany College. This examination is given under the direction of the professor in charge of the major subject with the assistance of a faculty committee appointed by the Dean of the Faculty. It is intended to cover the total range of material and accomplishment for an undergraduate major. A student failing in the comprehensive examination shall be considered as failing to meet the requirements for graduation and shall not be graduated.

Seniors who pass the comprehensive examination with high credit shall be awarded their degrees “with distinction” in the major subject. The only other grades given are “passed” and “failed.”

Comprehensive examinations are given once each academic year. Students who fail to pass the comprehensive examination shall, upon payment of a suitable fee, be given a second opportunity only at the end of any subsequent year, provided reasonable notice has been given to the Committee on Admissions and Classifications and the department head. Further opportunity to take this examination shall be given only by special vote of the faculty. Students desiring to take senior comprehensive examinations in a second major field may do so provided the head of the department concerned and the Dean of the Faculty approve, and that the student shall have paid the fee required for a special comprehensive examination.

RESIDENCE REQUIREMENT—Four years are usually required to satisfy the requirements for the baccalaureate degree. Students of superior quality may satisfy the requirements in less time. The senior year should be spent in residence at the college.

HONORS

GRADUATION HONORS—Students who have done college work of unusual merit and have given evidence of superior academic achievement in the upper division will be graduated with honors. These are awarded with the degree as Summa Cum Laude, Magna Cum Laude and Cum Laude. The awarding of honors is determined upon the basis of total quality points earned, standing in the comprehensive examination and the recommendation of the professor in charge of the student's major department.

Students who give evidence of superior achievement in the major subject and are able to pass the comprehensive examination with excellent results will be designated as "passed with distinction."

CLASS HONORS—Upper division students of the college who complete the academic work of any one year with a scholarship index of 3.5 are recognized for "First Honors" for the year, and those who complete the academic work of any one year with a scholarship index of 3.25 are recognized for "Second Honors" for the year. Lower division students of the college who complete the academic work of any one year with a scholarship index of 3.25 are recognized for "First Honors" for the year, and those who complete the academic work of any one year with a point average of 3.0 are recognized for "Second Honors" for the year.

DEAN'S LIST—At the end of each semester a list of students who have ranked high in academic attainments as attested by scholarship index are designated for the Dean's List. This distinction is determined by the Dean of the Faculty and the Dean of Students.

SENIOR FELLOWSHIPS—Certain members of the junior class are sometimes designated as Senior Fellows during the following year. The selection is made only of students who have attained unusual excellence in the field of their major study and who, by character and ability, can do special work in a major department, as an assistant in some phase of instruction or research. The Senior Fellowship carries a small stipend. No more than six senior fellowships are awarded in any one year.

The selection of Senior Fellows is made by the Committee on Honors from the nominations of the department head. It is intended that each Senior Fellow shall be given the fullest freedom to pursue the intellectual life and he shall have the benefit of tutorial instruction in the department in which he works.

GAMMA SIGMA KAPPA—This honorary scholastic fraternity was organized at Bethany College in 1932. Students are eligible for membership under the following conditions: maintenance of a scholarship index of 3.25 for four consecutive semesters, provided that in no semester their scholarship index falls below an average of 3.0; and further, students must be recommended by the faculty Committee on Honors.

BETHANY KALON—Bethany Kalon was founded March 22, 1948, at Bethany College. It is a citizenship honor society established to give recognition to good leadership in student enterprises and activities. To be considered for membership in this society, a student must have completed four semesters of college work, must have attained a satisfactory scholarship index and must have demonstrated competence in leadership of college activities, constructive citizenship in the college community and high standards of personal character. Membership in this organization is open to both men and women students. Selection of members is made by the members of the society from students nominated by a Faculty Committee.

PI GAMMA MU—The West Virginia Delta Chapter of Pi Gamma Mu is located at Bethany. Its members are selected from students who have maintained a high scholarship index in at least twenty semester hours of social studies.

PI DELTA EPSILON—Established here in May of 1947, Pi Delta Epsilon, National Journalism Fraternity, is one of the new additions to the roster of honorary organizations on the Bethany campus. Its prime purpose is the perpetuation of efficient student publications on campus and the advancement of journalism as a major factor in campus extra-curricular life.

PITTSBURGH COLLEGE CLUB AWARD—The Pittsburgh College Club, which comprises the college alumnae of Pittsburgh, has set up an award for the outstanding young woman in the junior class. This

award is based on qualities of leadership, character, conduct and scholarship. The club has placed a suitable plaque in Phillips Hall on which the names of the winners are engraved. In addition, an individual gift is made each year to the person designated.

W. F. KENNEDY PRIZE—One young man in the junior class is selected each year on the basis of his contribution to the college community life through leadership in activities, personal character, and scholarship for a cash prize award and honor designations. This award was made possible by W. F. Kennedy of Wheeling, West Virginia.

FLORENCE M. HOAGLAND AWARD—The Florence M. Hoagland Award is presented each year to the outstanding senior man. The award was established by the Class of 1947 in memory of Miss Florence M. Hoagland.

ANNA RUTH BOURNE AWARD—A silver cup has been given the college by an anonymous donor to be known as the Anna Ruth Bourne Scholarship cup. This cup is awarded to the women's social group on the campus earning the highest scholarship standing each semester. The group winning the large cup for four consecutive semesters is presented with a smaller cup which is a replica of the large cup.

PART III
COURSES OF INSTRUCTION

EXPLANATORY NOTES

Courses of instruction are listed by subject matter fields

In numbering of courses first semester courses have odd numbers and second semester courses, even numbers. A course having both an odd and even number, as 11-12, runs continuously throughout the year, but may be elected for either semester unless the course is specifically designated "*a continuous course*," providing proper prerequisites are met.

A limited number of courses in various departments will be offered during the summer term. The specific courses to be offered in the summer term of 1949 will be announced in a special bulletin.

The number in parentheses after the name of the course indicates the academic credit given for each semester.

The curriculum of the college recognizes the lower and upper divisions in the arrangement of courses and the numbers of each course. The lower division covers, roughly, the freshman and sophomore years and the upper division, the junior and senior years. Courses in the lower division are numbered from 11 to 49, and in the upper division from 50 to 100.

A course may not be offered, if elected by less than five students.

ART

Ella Jane Blake, In charge

13-14. FUNDAMENTALS OF ART. (3 hrs.)

Study of the fundamental principles of art and their application in the various media; designed to acquaint beginning students with the various fields of art. A studio course requiring a minimum of six hours per week.

17-18. CREATIVE DRAWING. (3 hrs.)

Problems of composition and methods of representation. Subjects include still life, landscape and figure drawing. A studio course requiring a minimum of six hours per week.

25. DESIGN. (2 hrs.)

Principles of design and color harmony and their application to various articles followed by a study of problems in interior design and home planning. A studio course requiring a minimum of four hours per week.

26. CREATIVE EXPRESSION IN APPLIED ARTS. (2 hrs.)

A hobby course in handicrafts to develop skill and ingenuity in converting a great variety of simple materials into useful objects. This course is designed primarily for those interested in working with young people. A studio course requiring a minimum of four hours per week.

31-32. PAINTING. (3 hrs.)

Aims to develop the creative imagination of the student and to help him become sensitive to beauty of color relationships, tone and composition. Subjects include still life and landscapes; tempera and oil paints. A studio course requiring a minimum of six hours per week.

39-40. ADVANCED PAINTING AND COMPOSITION. (3 hrs.)

The more advanced students will have freedom of expression in the medium of their choice. Stress will be placed upon composition and the development of the individual student's interpretation of the world around him. A studio course requiring a minimum of six hours per week. Registration with permission of the instructor. Not offered in 1948-1949.

41-42. INTRODUCTION TO ART. (3 hrs.)

A survey course in the history of art from pre-historic to modern times. Designed to develop understanding and appreciation of the arts of other people. Not offered in 1948-1949.

51. ART IN THE RENAISSANCE. (3 hrs.)

The character of the Renaissance movement and its early development. Stress is laid on the great personalities in architecture, sculpture and especially in painting, on men whose production essentially forms and expresses this period in art.

52. ART IN THE TWENTIETH CENTURY. (3 hrs.)

Historical and interpretative discussion of architecture, sculpture, painting and the industrial arts from 1905 to the present. The correlation of parallel developments in these arts is brought out and the significance of contemporary civilization is considered. As a background, the late nineteenth century is reviewed.

BIOLOGY

B. R. Weimer, Head of the Department
W. Harold Kesselring, Assistant Professor
Lowell E. Binkley, Instructor

AIMS:

The courses are intended to acquaint the student with the living world around him and the fundamental dynamic life processes; to demonstrate scientific methods of approach to problem solutions; to cultivate an attitude of inquiry and research; to develop laboratory skill in various types of work in zoology, botany and related fields; and to train students as teachers of biology and for certain professional work related to this field.

Students who plan to teach or become professional biologists should elect the following sequence of courses: Biology 11-12, 36, 43, 48, 53, 57, 65, 67 or 68, 78 and 87.

Students preparing for work in medicine, dentistry, nursing or as laboratory technicians should elect the following sequence of courses: Biology 11-12, 36, 43, 53, 76, 78 and 87.

REQUIREMENT FOR MAJOR:

At least twenty-four semester hours in the department following a sequence of courses approved by the head of the department. A minimum of twelve semester hours of chemistry, at least six of which are organic chemistry, is desirable, and a minor should be elected in a laboratory science. Either German or French should be elected to meet the graduation requirement for foreign languages.

REQUIREMENT FOR MINOR:

At least eighteen semester hours in the department exclusive of Biology 34 and 85.

11-12. GENERAL BIOLOGY. (3 hrs.)

Systematic study of the fundamental structures and life processes of plants and animals including man, and their important inter-relationships. Required for all pre-medical students. Note: The satisfactory completion of the first semester of this course may be substituted for Physical Education 15 or 16 as a specific graduation requirement.

34. OUR OUTDOORS. (1 hr.)

A general survey course in the field of man's natural environment from the standpoint of geology and biology. Estimated cost of the course to the student exclusive of tuition, including field trips, food and incidentals: \$5.00 to \$8.00. Enrollment limited to fifteen. Not open to freshmen.

35 or 36. COMPARATIVE VERTEBRATE ANATOMY. (4 hrs.)

Study of the comparative anatomy of the representative forms of vertebrates. Laboratory study of the comparative anatomy of the shark, Necturus and cat. Prerequisite, Biology 11-12. Required of all pre-medical students.

43. HEREDITY AND EUGENICS. (2 hrs.)

A general course covering modern theories and laws of heredity and their relation to man. Not offered in 1948-1949.

45 or 46. FIELD ZOOLOGY. (2 hrs.)

Primarily a field study of the taxonomy, ecology and natural history of local animal life.

48. PLANT ECOLOGY AND LOCAL FLORA. (2 hrs.)

The identification of the common seed plants and ferns by the use of manuals and the study of the relation between plants and their environment. Prerequisite, Biology 11-12 or a course in biology at secondary school level.

53. BACTERIOLOGY. (3 hrs.)

Morphology and physiology of yeasts and bacteria; principles of laboratory technique, cultural characteristics and environmental influences on bacterial growth.

54. INDUSTRIAL BACTERIOLOGY AND CLINICAL METHODS. (3 hrs.)

A practical laboratory course with occasional lectures, dealing with the bacteriology of water and milk, and the general food bacteriology. Some study of the elementary techniques in clinical methods such as blood work and urine analysis. Recommended prerequisite, Biology 53.

57. ADVANCED GENERAL BOTANY. (3 hrs.)

An advanced study of the structural relationships of various type forms of the plant kingdom together with a study of the fundamental life processes of plants: growth, irritability, food synthesis and metabolism. Prerequisite, Biology 11-12.

65. INVERTEBRATE ZOOLOGY. (3 hrs.)

Survey of the invertebrate animals including phylogeny and morphology. A laboratory study of representative forms of invertebrates will be made. Prerequisite, Biology 11-12.

67 or 68. PHYSIOLOGY. (3 hrs.)

A study of the structure and functions of the human body and the mechanism of bodily movements, responses, reactions and various physiological states. Prerequisites, Biology 11-12 and 35 or 36.

76. HISTOLOGY. (3 hrs.)

Structure of the cell and its modification into various tissues. Special attention will be paid to the theory and practice of general histological technique. Prerequisites, Biology 11-12 and 35 or 36.

78. VERTEBRATE EMBRYOLOGY. (4 hrs.)

Nature and development of the tissues and organs in vertebrates. Embryos of chick and pig are studied in the laboratory. Prerequisites, Biology 11-12 and 35 or 36.

81 or 82. MARINE BIOLOGY. (4 to 6 hrs.)

Credit is given for summer courses taken at the Marine Biological Station at Woods Hole, Massachusetts, or at any other station of similar rank.

85. METHODS AND MATERIALS IN TEACHING BIOLOGY. (2 hrs.)

The aims and methods of teaching biology in the secondary schools. Special attention will be given to general laboratory procedure and technique. Prerequisite, sixteen hours in the department and upper division rank. Not offered in 1948-1949.

87. CONTEMPORARY BIOLOGICAL INVESTIGATIONS AND LITERATURE. (1 hr.)

A survey of the fields of biological investigations and the current literature relating to investigations in those fields. Prerequisites, Biology 11-12 and 35 or 36. Open only to upper division students. Required of all biology majors.

91-92. PROBLEMS. (1 or 2 hrs.)

A course in theoretical and advanced morphological biology. The problem may be selected by the student, subject to the approval of the head of the department according to interest and future needs and may be in:

- a. Advanced comparative anatomy of vertebrate or invertebrate types not previously studied; or
- b. Review of the literature relating to various fields of investigation in biology; or
- c. Study of some problem in biological research.

Prerequisites, Biology 11-12, 35 or 36 and 65 or 78 with superior achievement in these courses. Open only to upper division students majoring in the department.

CHEMISTRY

Charles F. Brown, Head of the Department

L. Warren Coughanour, Assistant Professor

John M. Bolling, Instructor

AIMS:

To contribute to the student's general culture, his understanding of the nature of the physical world and his understanding of the place of chemistry in industrial and business life; to provide training in the scientific method of reasoning; and to provide major students with a thorough and practical training in chemistry which may be useful in industrial, technical or educational work.

Students who plan to become professional chemists should elect the following sequence of courses: Chemistry 15-16, 31-32, 61-62, 67-68, and 75-76; Physics 31-32; Mathematics 11-12, 31-32; English 11-12 and a minimum of sixteen hours in the humanities above other required courses. German or French are strongly recommended.

REQUIREMENT FOR MAJOR:

At least twenty-four semester hours in the department following a sequence of courses approved by the head of the department.

REQUIREMENT FOR MINOR:

At least eighteen hours in the department.

11-12. GENERAL CHEMISTRY. (4 hrs.)

Designed to give a general knowledge of the chemical sciences. For students desiring only an introduction to chemistry. Not recommended for students intending to take further courses in chemistry. *A continuous course.*

15-16. GENERAL CHEMISTRY. (4 hrs.)

A first course in chemistry conforming to American Chemical Society standards. Prerequisite to all other chemistry courses. *A continuous course.* Prerequisite, two units of mathematics or concurrently with Mathematics 11-12.

31. QUALITATIVE ANALYSIS. (4 hrs.)

A standard course in qualitative analysis for professional chemists and engineers. Prerequisites, Chemistry 11-12 or 15-16 and Mathematics 11-12.

32. QUANTITATIVE ANALYSIS. (5 hrs.)

A standard course in quantitative analysis for professional chemists and engineers. Chemistry 31 should precede this course whenever possible. Prerequisites, Chemistry 15-16 and Mathematics 11-12.

34. QUANTITATIVE ANALYSIS. (4 hrs.)

A standard course in quantitative analysis designed for pre-medical students and those curricula requiring only four semester hours of quantitative analysis. Lecture material is equivalent to that in Chemistry 32. Prerequisites, Chemistry 11-12 or 15-16 and Mathematics 11-12.

35. INTRODUCTORY ORGANIC CHEMISTRY. (4 hrs.)

A brief introduction to selected areas of organic chemistry for nurses, laboratory technicians and the students not desiring a more detailed knowledge of the subject. Three lecture-recitations and one laboratory period per week. Prerequisite, Chemistry 15-16. Not open to regular pre-medical students or students preparing to be professional chemists.

61-62. ORGANIC CHEMISTRY. (4 hrs.)

A standard course in organic chemistry. The laboratory work consists of preparations and an introduction to organic qualitative analysis. *A continuous course.* Prerequisites, Chemistry 15-16, 31 or 32 or 34.

67-68. ADVANCED ORGANIC CHEMISTRY. (4 hrs.)

Designed to present advanced material not given in Chemistry 61-62. Required of professional chemists and engineers. Enrollment limited to advanced students and with permission of the head of the department. Prerequisite, Chemistry 61-62.

71. ELEMENTARY PHYSICAL CHEMISTRY. (4 hrs.)

A brief introduction to selected areas of physical chemistry for pre-medical students. Three lecture-recitations and one laboratory period per week. Prerequisites, Chemistry 15-16, 31 or 32 or 34.

75-76. PHYSICAL CHEMISTRY. (4 or 5 hrs.)

A standard course in physical chemistry for professional chemists and engineers. A *continuous course*. Prerequisites, Chemistry 31-32, 61-62, Physics 31-32 and Mathematics 31-32.

77-78. INDUSTRIAL CHEMISTRY. (4 hrs.)

A course designed to teach the unit operations of selected industries. Theory and practice will be taught by lecture and laboratory, supplemented by selected field trips to various industrial plants. Prerequisites, Chemistry 15-16, and 61-62.

85. METHODS AND MATERIALS IN TEACHING CHEMISTRY. (2 hrs.)

The aims and methods of teaching chemistry in the secondary schools. Special attention will be given to general laboratory procedure and technique. Prerequisite, sixteen hours of chemistry and junior or senior rank.

87. LITERATURE OF CHEMISTRY. (1 hr.)

Bibliographic, biographic and historical problems for library research. Prerequisites, Chemistry 31, 32 or 34 and 61-62.

91-92 PROBLEMS. (1 or 2 hrs.)

Independent laboratory investigation of an original nature for seniors of superior achievement and who are majoring in the department.

CLASSICS

Earl D. McKenzie, Acting Head of the Department

AIMS:

To develop the ability to read classical Greek and Latin literature with some degree of fluency and appreciation; to understand the influence of Greek and Latin on modern thought and expression; to prepare students for the teaching of Latin, ministerial students for the study of the New Testament; and to provide background materials for the student who is interested in linguistics or archæology.

REQUIREMENT FOR MAJOR:

Twenty-four hours in the department with a sequence of twenty hours in either Greek or Latin. Students who expect to teach Latin will find Greek very important in their undergraduate courses and practically indispensable for any

graduate study of the language. History 65, Philosophy 53-54 and Art 41-42 are strongly recommended for all students majoring in this department.

REQUIREMENT FOR MINOR:

Eighteen hours with the sequence of courses approved by the head of the department. History 65 is recommended.

GREEK

11-12. BEGINNER'S GREEK. (3 hrs.)

Reading in the language is combined throughout with the learning of forms and vocabulary. The aim of the course is to produce as quickly as possible an ability to read Greek.

31-32. NEW TESTAMENT GREEK. (3 hrs.)

The Gospel of Luke and the grammar of the Greek New Testament. In the second semester some Pauline Epistles will be studied. Prerequisite, Greek 11-12.

51. PLATO. (3 hrs.)

The *Apology*, the *Crito* and selections from other Dialogues will be read. Open to those who have offered two units of Greek at entrance or have passed Greek 11-12. Not offered in 1948-1949.

52. HOMER. (3 hrs.)

Selections from the *Iliad* will be read. Open to those who have offered two units of Greek at entrance or have passed Greek 11-12. Not offered in 1948-1949.

61-62. GREEK TRAGEDY. (3 hrs.)

Selected tragedies of Aeschylus, Sophocles and Euripides. Prerequisite, Greek 31-32. Not offered in 1948-1949.

71-72. GREEK LITERATURE IN ENGLISH TRANSLATION. (3 hrs.)

No knowledge of the original language is required. In the first semester, the epic (Homer) and tragedy (Aeschylus, Sophocles, Euripides) will be studied as manifestations of the Greek creative genius. In the second semester, comedy (Aristophanes), the development of the critical attitude (Plato, Aristotle, Longinus) and individualism (Theocritus, Lucian) will be studied. Not offered in 1948-1949.

LATIN

11-12. BEGINNER'S LATIN. (3 hrs.)

This course is designed to enable students to acquire an ability to read the language as quickly as possible. The learning of forms and vocabulary is combined throughout with reading in Latin.

31. VERGIL. (3 hrs.)

The *Aeneid*, Books I-VI; supplementary reading in English on Vergil's poetic technique and on the mythological background of the *Aeneid*. Open to those who have offered two or three units of Latin at entrance or have passed Latin 11-12.

32. SALLUST AND OVID. (3 hrs.)

The *Catiline* and selections from the *Metamorphoses* will be read. Open to those who have offered two or three units of Latin at entrance or have passed Latin 11-12.

51. CICERO'S DE AMICITIA AND DE SENECTUTE. (3 hrs.)

Essays on Friendship and Old Age show a Roman's effort to interpret two universal human experiences. Prerequisite, Latin 31-32 or equivalent. Not offered in 1948-1949.

52. TACITUS. (3 hrs.)

Germania and *Agricola* will be read with study of style and interpretation. Prerequisite, Latin 51. Not offered in 1948-1949.

61. CICERO'S LETTERS. (3 hrs.)

A number of Cicero's letters will be read showing Cicero's tastes and relations to personal and literary friends. Prerequisite, Latin 31-32. Not offered in 1948-1949.

62. HORACE. (3 hrs.)

This course will include the reading of *Odes* and *Epodes* with selections from the *Satires*. Prerequisite, Latin 31-32. Not offered in 1948-1949.

63-64. LATIN COMPOSITION. (2 hrs.)

A thorough review of forms and syntax. A course in writing of Latin especially intended for students who expect to teach the subject. Prerequisite, Latin 51-52 or 61-62. Not offered in 1948-1949.

73. ROMAN LITERATURE IN ENGLISH TRANSLATION. (3 hrs.)

No knowledge of the original language is required. Drama (Plautus, Terence, Seneca), poetry (Lucretius, Vergil, Horace) and the *De Officiis* of Cicero will be studied as manifestations of the Roman creative spirit. Not offered in 1948-1949.

74. ROMAN LAW. (3 hrs.)

The historical development of Roman Law and its influence on modern legal systems. Particular attention will be given to the fundamental principles of Roman Private Law. The use of the Latin language is not required. Not offered in 1948-1949.

85. METHODS AND MATERIALS IN TEACHING LATIN. (2 hrs.)

Special methods in the teaching of Latin for those who are preparing to teach at the secondary school level. Open only to students majoring or minoring in the subject. Not offered in 1948-1949.

91-92. PROBLEMS. (1 or 2 hrs.)

Subjects, hours and credits for special study in the classics to be arranged individually with the instructor. Open only to upper division students majoring in the department. Not offered in 1948-1949.

ECONOMICS AND BUSINESS ADMINISTRATION

R. H. Kyler, Head of the Department

Lillian L. Gray, Assistant Professor

-----, Instructor

AIMS:

The courses are intended to provide all students with the background necessary for a better understanding and appreciation of current economic and social problems and to prepare them for intelligent citizenship; to train students effectively for responsible positions in the world of business; to lay a thorough foundation for graduate study and teaching in the field. A knowledge of the fundamentals of economics is a valuable part of a liberal education, particularly for those who are interested in becoming ministers, social workers, lawyers, diplomats or government officers.

REQUIREMENT FOR MAJOR:

Thirty semester hours in the department following a sequence of courses approved by the head of the department. Fifteen semester hours of the major should be in the upper division courses.

Students who plan to concentrate in economics must complete the following courses: Economics 43-44, 45, 47 or 48 plus six courses in the upper division.

Students who plan to concentrate in business administration must complete the following courses: Economics 43-44, 45-46, 47 or 48 plus five courses in upper division. Journalism 65 and Psychology 74 are recommended.

Students who plan to do graduate work in economics are advised to obtain a reading knowledge of French and German.

Students who plan to do graduate work in business administration are advised to concentrate in economics and to limit the number of specialized courses in applied economics.

REQUIREMENT FOR MINOR:

Eighteen semester hours in the department including Economics 43-44, 45, 47 or 48 plus two courses approved by the head of the department.

25 or 26. AMERICAN ECONOMIC HISTORY. (3 hrs.)

An introductory course for beginning students of economics, intended to provide the necessary historical background of present economic and business conditions with special emphasis on the economic development of the United States. Open to freshmen.

27 or 28. BUSINESS ORGANIZATION AND MANAGEMENT. (3 hrs.)

An introductory course for beginning students of business administration. It is intended to give a survey of the general field of business including production, marketing, retailing, salesmanship, personnel administration, insurance, corporation finance, taxation and banking. Open to freshmen.

43-44. PRINCIPLES OF ECONOMICS. (3 hrs.)

The well-established fundamentals of economics are presented and discussed in such a way as to make them clearly understandable to the average student. Their application to economic, social and political conditions of today is stressed with the purpose of giving the student the approach to an intelligent outlook on current problems. *A continuous course.* This course is a prerequisite for all upper division courses in this department. Not open to freshmen.

45-46. INTRODUCTION TO ACCOUNTING. (3 hrs.)

Principles and methods of accounting for different types of business organizations. This course is an indispensable foundation for general business training. *A continuous course.* Not open to freshmen.

47 or 48. BUSINESS STATISTICS. (3 hrs.)

Statistical principles and their practical application in the administration of modern business. Nature, collection and organization of data; presentation of data in tabular and graphic form; the various averages, measures of dispersion; construction and use of index numbers.

51. PRINCIPLES OF MARKETING AND DISTRIBUTION. (3 hrs.)

The marketing function of the manufacturer, wholesaler, jobber, retailer, mail-order house, chain store and other marketing institutions; cost of distribution; problems of marketing management and planning; modern trends in marketing. Prerequisites, Economics 43-44 and 45.

52. RETAILING (3 hrs.)

Purchasing, receiving and pricing merchandise with emphasis on the retail store and other retail establishments. Stock control, sales promotion, retail personnel, credit and collection, retail advertising and accounting survey. Prerequisites, Economics 43-44 and 51.

54. SALESMANSHIP. (3 hrs.)

A presentation of current sales principles and practices with a preparation of the sales talk, the use of the sales talk, the use of the sales portfolio, analysis of demand and a study of the personal characteristics of the successful salesman. Prerequisites, Economics 43-44 and 51. Not offered in 1948-1949.

55 or 56. INSURANCE PRINCIPLES AND PRACTICES. (3 hrs.)

A course providing extensive information about the principles and practices of the more important forms of insurance; the study of individual coverages or of individual departments of insurance work with an appreciation of their importance and of their interrelationships. Prerequisites, Economics 43-44 and 45. Not offered in 1948-1949.

57. CORPORATION FINANCE. (3 hrs.)

A study of the corporation and its development and place in modern industry with a survey of the principles and phenomena which rise out of the acquisition and utilization of capital for business purposes. Prerequisites, Economics 43-44 and 45.

58. BUSINESS LAW. (3 hrs.)

The basic principles of American business law and their application to concrete situations. The study of the law as a necessary instrument for the businessman. Modern trends in business law. Problems from actual controversies are used. Prerequisites, Economics 43-44 and 45.

61. MONEY, CREDIT AND BANKING. (3 hrs.)

The principles of monetary and banking theory as they exist at present and a survey of banking practices. Intended to give a thorough understanding of contemporary money, credit and banking problems. Prerequisites, Economics 43-44 and 45.

63. PUBLIC FINANCE AND TAXATION. (3 hrs.)

A survey of the principles of government finance combined with a thorough study of the Federal tax system. Prerequisites, Economics 43-44 and 45.

65. LABOR PROBLEMS. (3 hrs.) (Personnel Administration 65.)

A study of the position of the wage earner in modern industrial society. Policies, methods and objectives of organized labor. Meaning and determinants of labor supply and employment; wages and income; substandard workers; quest for security; union recognition; social and economic objectives of industrial democracy. Prerequisite, Economics 43-44.

66. PERSONNEL MANAGEMENT. (3 hrs.) (Personnel Administration 66)

Procedures, activities and evaluation of personnel management and industrial relations in business and industry. Selection and placement; job analysis and evaluation; training and promotion; job satisfaction; wage theory and procedures; manpower utilization; labor-management relations. This course presupposes some knowledge of psychology and statistical method.

67. GOVERNMENT AND LABOR. (3 hrs.) (Personnel Administration 67)

Analysis of the role of government in labor activities; regulatory and protective legislation; work of administrative agencies. Legislative and judicial appreciation of the economic, social and political problems involved. Reading and independent study. Prerequisite, Economics 43-44 and preferably Personnel Administration 65. Not offered in 1948-1949.

69-70. INTERMEDIATE ACCOUNTING. (3 hrs.)

Theory and practice of valuation of assets and liabilities. Inventories, consignments, installment sales, investments, funds, reserves and related accounting problems. Analysis and interpretation of financial statements. *A continuous course.* Prerequisites, Economics 43-44 and 45-46.

71 or 72. BUSINESS CYCLES. (3 hrs.)

The nature of business fluctuations, theories of their causes and proposals for their control are analyzed and discussed. Prerequisites, Economics 43-44, 47 or 48 and 61. Not offered in 1948-1949.

73 or 74. HISTORY OF ECONOMIC THOUGHT. (3 hrs.)

Outstanding writers and their ideas are studied in relation to the conditions that led to important changes and developments in economic thinking. Current trends of thought. Primarily for seniors who concentrate in economics. Registration with permission of the head of the department.

83 or 84. SEMINAR IN ECONOMICS AND BUSINESS ADMINISTRATION. (3 hrs.)

An original study of some special economic or business problem is made with the purpose of developing in the student the analytical technique necessary for graduate studies or a business career. Particular attention is given to the needs and interests of individual students. Primarily for seniors who major in this department. Registration with permission of the head of the department.

EDUCATION

R. H. Eliassen, Head of the Department

F. H. Kirkpatrick, Professor

Jane E. Dingleline, Instructor

AIMS:

This department seeks to develop in all students a wholesome and intelligent attitude toward public education; to cultivate thinking about problems in education; to integrate its work with that of other departments in a well-rounded liberal and professional education of prospective teachers who may qualify for teaching in Ohio, Pennsylvania, West Virginia and other neighboring states; and to offer some technical preparation for guidance work.

REQUIREMENT FOR MAJOR:

A minimum of twenty-four hours in the department, with a sequence of courses approved by the head of the department and at least six hours in psychology.

REQUIREMENT FOR MINOR:

Twenty hours in the department, with a sequence of courses approved by the head of the department.

TEACHER TRAINING:

Students who are interested in teaching should confer with the head of the Department of Education as early as possible, preferably during the freshman year and not later than the beginning of the upper division work.

31-32. HUMAN GROWTH AND DEVELOPMENT. (3 hrs.)

An orientation course in developing an understanding of individual and group development through childhood and adolescence. The second half of the course is a study of the nature and direction of learning in accord with principles of child development. This course satisfies the certification requirements for orientation and educational psychology.

51. HISTORY AND PHILOSOPHY OF EDUCATION. (3 hrs.)

A general survey of educational theory and practice from the days of Ancient Greece to the present day. The pivotal aim of the course is to secure an understanding of contemporary education through a survey of the thinking of great leaders of educational thought, past and present.

52. PRINCIPLES OF SECONDARY EDUCATION. (3 hrs.)

Social and economic principles that govern secondary education in America. Current issues and trends receive emphasis. Observation periods in secondary schools are required.

61. EDUCATIONAL PSYCHOLOGY. (3 hrs.) (Psychology 61)

A study of the nature and laws of learning; original nature as conditioning learning; the amount, rate, limit and permanence of improvement; factors and conditions affecting learning; transfer of training; mental fatigue; individual differences; efficient methods of study. Prerequisite, Psychology 31-32.

62. MEASUREMENT OF INTELLIGENCE. (3 hrs.) (Psychology 62)

A study of the more important techniques for the measurement of intelligence. Historical background, validation and use of intelligence tests in education and in out-of-school agencies. Laboratory work with individual and group tests. Prerequisite, Psychology 31-32.

65. AUDIO-VISUAL EDUCATION. (2 hrs.)

Special methods and materials of visual and auditory techniques in the learning process, including motion pictures and radio. Laboratory experience with both visual and auditory equipment.

66. GUIDANCE PRINCIPLES AND PRACTICES (2 hrs.)

A comprehensive view of the purpose, procedures, and techniques of guidance work. Emphasis is placed on the role of the teacher in a guidance program. This course should be elected by students who are planning to enter the field of education as teachers, counselors or administrators.

71. STATISTICAL METHODS. (3 hrs.) (Psychology 71)

Analysis and description of psychological, educational and sociological data by means of statistical constants which measure central tendency, dispersion and simple correlation. Some attention to graphic methods, normal curve and experimental design. Not offered in 1948-1949.

72. EDUCATIONAL MEASUREMENTS. (2 hrs.)

Techniques for the measurement and evaluation of educational competence and development. Construction, validation, use and interpretation of standard measurements and their relation to the educative process.

81 or 82. OBSERVATION AND DIRECTED TEACHING. (6 hrs.)

Observations, teaching and participation activities in the public secondary schools. Includes a study of the role of the principal and teachers in the administration of the high schools. Students should not register for more than sixteen semester hours of academic work during the semester in which this course is carried. A student who desires to register for this course must secure written recommendation from his major department head before he is permitted to register. Arrangements for student teaching should be made at the time of the advanced enrollment each semester. Offered each semester.

85 or 86. SPECIAL METHODS IN TEACHING. (2 or 3 hrs.)

See courses offered in several departments, viz.:

Biology 85	Modern Languages 85
Chemistry 85	Music 85 and 86
Classics 85 (Latin)	Physical Education 85
English 86	Physics 85 or 86
History 85 or 86	Religious Education 86
Mathematics 85 or 86	

91 or 92. PROBLEMS. (1 or 2 hrs.)

Independent study and investigation in the field of professional education. Open only to upper division students of unusual ability and adequate background in the field of education.

ENGLISH

Walter B. Greenwood, Head of the Department

Helen Louise McGuffie, Assistant Professor

Rhoda Y. Greenwood, Instructor

-----, Instructor

AIMS:

This department is intended to furnish students with a comprehensive knowledge of the English language and literature as a cultural discipline or as a preparation for creative writing and graduate study, to provide background and resources for teaching or editorial work, and to train students to speak properly and effectively in public.

REQUIREMENT FOR MAJOR:

Students who plan to teach English, to prepare for graduate study or to acquire a comprehensive knowledge of the English language and literature must elect English 31-32 and a minimum of eighteen hours in literature courses in the upper division. Students planning to enter graduate schools should elect English 55 and 56. History 69 and Philosophy 53-54 are also recommended.

REQUIREMENT FOR MINOR:

For students electing a minor, at least eighteen hours in English literature are required. English 31-32 must be included. For students electing a minor in Speech and Dramatics, at least eighteen hours in courses approved by the head of the department. English 31-32 must be included.

11-12. COMPOSITION AND LITERATURE. (3 hrs.)

First semester emphasizes fundamentals of composition with writing in various forms and review of grammar. Second semester places greater emphasis on content and style in composition with instruction and practice in the technique of preparing a research paper. Vocabulary study. Selected readings and conference work.

31-32. SURVEY OF ENGLISH LITERATURE. (3 hrs.)

The development of English literature from the beginnings to the present. Required of all students who are majors and minors in the department.

33-34. EXPOSITORY WRITING AND SPEAKING. (2 hrs.)

Designed to supplement communications skills taught in English 11-12. Recommended for students who have discovered need for further training in writing and speaking. Not credited toward requirements for a major or minor in English. Not offered in 1948-1949.

51-52. AMERICAN LITERATURE. (3 hrs.)

A survey of American literature as an aspect of American culture and as a development of thought in America in relation to the life and literature of the western world.

55. CHAUCER. (3 hrs.)

A specialized study of the poems of Chaucer as literature. Not offered in 1948-1949.

56. GROWTH AND STRUCTURE OF THE ENGLISH LANGUAGE. (3 hrs.)

An historical study of the language, its grammar, its foreign borrowings. Readings from the poetry and prose of the old English period.

57. SHAKESPEARE. (3 hrs.)

A study of the principal plays of Shakespeare. Not offered in 1948-1949.

58. THE DRAMA. (3 hrs.)

The development of English drama, exclusive of Shakespeare. Not offered in 1948-1949.

59. THE RENAISSANCE. (3 hrs.)

A study of the prose and poetry of the English Renaissance. Prerequisite, English 31-32.

60. THE SEVENTEENTH CENTURY. (3 hrs.)

A study of English prose and poetry from Donne through Dryden. Prerequisite, English 31-32.

61-62. THE EIGHTEENTH CENTURY. (3 hrs.)

A study of English prose and poetry from Addison through Cowper. Prerequisite, English 31-32.

65-66. THE NINETEENTH CENTURY. (3 hrs.)

A study of English prose and poetry from Blake through Swinburne. Prerequisite, English 31-32. Not offered in 1948-1949.

67-68. THE NOVEL. (3 hrs.)

The development of the English novel. Representative non-English novels will also be read in translation.

70. CONTEMPORARY LITERATURE. (3 hrs.)

A study of recent novels, poetry and drama. Not offered in 1948-1949.

71-72. THE BIBLE AS LITERATURE. (3 hrs.) (O. T. 71-72)

Origin, development and literary values of the various types of literature of the Bible.

73. WORLD LITERATURE. (3 hrs.)

Literature of the western world which has influenced the development of English literature. Not offered in 1948-1949.

83-84. SEMINAR IN ENGLISH LITERATURE. (1 or 2 hrs.)

Designed for advanced students majoring in English. Extensive reading for the purpose of correlating and supplementing work done in other courses.

86. METHODS AND MATERIALS IN TEACHING ENGLISH. (2 hrs.)

Analysis and discussion of methods and materials of instruction that have been used most effectively in the teaching of English literature and composition in secondary schools. It is urged that this course be taken in the junior year. Not offered in 1948-1949.

91-92. PROBLEMS. (1 or 2 hrs.)

Conferences, papers and reports on minor research problems. Limited to seniors of superior achievement who are majoring in the department.

SPEECH AND DRAMATICS

41. INTRODUCTION TO SPEECH. (3 hrs.)

A survey course introductory to the speech arts with emphasis on voice and diction, phonetics, voice science, speech organization and delivery.

42. PUBLIC SPEAKING. (3 hrs.)

Practical application of the principles of speech. Study of speech construction, practice in formal and impromptu speaking and the practical survey of the techniques of debate and discussion. Prerequisite, Speech 41 or permission of the instructor.

51. ORAL INTERPRETATION. (3 hrs.)

A study of the techniques of oral reading. Consideration of stories, ballads, dramatic poetry and prose. Principles of analysis, empathy, attention, imagery and inflection. Prerequisite, Speech 41 or permission of the instructor.

53-54. PLAY PRODUCTION. (3 hrs.)

A course designed to promote an understanding and appreciation of the theatre through the learning of techniques in acting and theatre crafts, costume, make-up, stage lighting, scenery design and construction. Students participate in the preparation of college dramatic productions. Not offered in 1948-1949.

56. ARGUMENT. (3 hrs.)

Study of the principles of logic and persuasion and the application of the psychology which underlies the use of planned argument. Practice in the application of the theories developed. Prerequisite, Speech 41-42 or permission of the instructor. Not offered in 1948-1949.

57. ACTING AND PANTOMINE. (3 hrs.)

A study of acting techniques from the standpoint of both the director and the actor. Stress placed upon interpretation of lines, make-up and costuming. The survey of classic and modern plays with consideration of production problems. Students participate in the preparation of college productions.

58. INTRODUCTION TO STAGE DIRECTION. (3 hrs.)

Study and practice in the fundamentals of stage direction. Aesthetic distance, emphasis, tempo, balance, unity, stage business and interpretation of lines are considered. The class members direct short scenes.

71-72. INTRODUCTION TO RADIO SPEECH AND DRAMA. (3 hrs.)

Study and practice of broadcasting methods; microphone speaking, announcing, radio acting, script and continuity writing, program building and directing. Prerequisite, Speech 41. Not offered in 1948-1949.

73 or 74. SPEECH PATHOLOGY. (3 hrs.)

The causes and clinical treatment of speech defects. Planned to help the classroom teacher understand the corrective treatment needed for the student with a speech defect. Not offered in 1948-1949.

GEOGRAPHY AND GEOLOGY

35. PRINCIPLES OF GEOGRAPHY. (3 hrs.)

A discussion of the general principles of the science including such topics as earth origins and the results of the dynamic geographical agencies tending to change its surface. Practical work in mineralogy, physiography and stratigraphy is required during the course. Not offered in 1948-1949.

36. HISTORICAL GEOLOGY. (3 hrs.)

The history of the earth as revealed by its strata. Laboratory and field study of the common fossils and local formations. Not offered in 1948-1949.

51 or 52. GEOGRAPHY OF THE POST WAR WORLD. (2 hrs.)

The political and social geography of the world with emphasis on the new map of Europe and Asia. Deals with natural and political boundaries, topography, chief products, cities, races, language, living standards and customs.

HISTORY AND POLITICAL SCIENCE

Chandler Shaw, Head of the Department

Virginia Goodwin, Instructor

Homer G. Sims, Instructor

AIMS:

The courses in history endeavor to present the origin and development of institutions and ideas, to point out the great traditions that are molding our thought and action today. Through the study of the civilizations of the past the student is expected to gain a better perspective of our own political, economic and social structure and to be more aware of the nature and needs of contemporary life. The courses in political science are intended to acquaint the student with the political institutions and political problems in the United States and the world today.

REQUIREMENT FOR MAJOR:

Not less than twelve semester hours in European history, twelve semester hours in American history and six hours in political science, chosen with the advice and consent of the head of the department.

REQUIREMENT FOR MINOR:

Not less than eighteen hours approved by the head of the department. At least six hours must be in the upper division. A minor may be chosen in history, in political science or a combination of both.

EUROPEAN AND WORLD HISTORY

11 or 12. HISTORY OF WESTERN CULTURE. (3 hrs.)

The political and cultural contributions of the peoples who have formed the great Western tradition from ancient times to the eve of the French Revolution. The course attempts to point out the enduring features of the institutions, ideals and achievements of the past, especially as they throw light on an understanding of our own culture.

14 or 15. TWENTIETH CENTURY CIVILIZATION. (3 hrs.)

The background of the present-day political and social structure of the United States and the world, together with a study of the great problems confronting our age. Attention will be given to the daily newspaper and current periodicals.

51. MODERN EUROPEAN HISTORY I. (3 hrs.)

The political and cultural history of Europe from 1789 to the late nineteenth century, including the development of science, industry and modern thought.

52. MODERN EUROPEAN HISTORY II. (3 hrs.)

The development of Europe in the late nineteenth and twentieth centuries.

54. HISTORY OF THE FAR EAST. (3 hrs.)

A survey of the history and civilization of China, Japan, Korea, India, Burma, Thailand, French Indo-China, the Philippines and Indonesia. Not offered in 1948-1949.

59. EUROPEAN DIPLOMACY. (3 hrs.)

A study of European foreign affairs from the last quarter of the nineteenth century to the eve of the Second World War. An attempt will be made to point out the underlying causes of the two World Wars. Not offered in 1948-1949.

61. EUROPEAN EXPANSION AND THE NEW IMPERIALISM. (3 hrs.)

Problems of European expansion in Africa, America, Asia and the southwest Pacific from the fifteenth century to the nineteen thirties.

65. ANCIENT CIVILIZATION. (3 hrs.)

The development of civilization in the Near East, Greece and Rome. Not offered in 1948-1949.

66. THE MIDDLE AGES AND THE REFORMATION. (3 hrs.)

European civilization and culture from the fifth to the sixteenth centuries. Not offered in 1948-1949.

69. THE HISTORY OF ENGLAND. (3 hrs.)

A history of English institutions and the English people from the ninth to the early twentieth centuries.

70. NAPOLEON TO STALIN. (3 hrs.)

A study of the lives and achievements of outstanding men and women of Europe and Asia in the last hundred and fifty years.

73. THE AGE OF THE ENLIGHTENMENT. (3 hrs.)

The intellectual and cultural history of Europe, including the political and social background, of the latter half of the seventeenth and the eighteenth centuries. Not offered in 1948-1949.

75. THE SECOND WORLD WAR. (3 hrs.)

The background and causes of World War II, the diplomacy of the war, the war on the home fronts, and the significance of the war in world history.

76. THE POST WAR WORLD. (3 hrs.)

A study of the armistices, occupations, treaties, conferences, the United Nations, rehabilitation, Russian-American relations, and other significant problems of the atomic age.

AMERICAN HISTORY

41-42. United States History. (3 hrs.)

A survey of the political, social, and economic growth of America from the period of exploration to the present day.

63. TWENTIETH CENTURY AMERICA. (3 hrs.)

A study of the dynamic events of the past half century. Not offered in 1948-1949.

72. LATIN AMERICA. (3 hrs.)

A survey of the history and culture of the peoples of Central and South America. Not offered in 1948-1949.

74. AMERICAN SOCIAL AND INTELLECTUAL HISTORY. (3 hrs.)

A survey of the major social problems and the principal cultural achievements of the American people from the middle of the nineteenth century to the present.

77. THE DEVELOPMENT OF THE AMERICAN NATION. (3 hrs.)

A study of policies, problems and personalities from the establishment of the constitution to the Civil War.

78. THE AGE OF BIG BUSINESS. (3 hrs.)

The development of the American industrial system since the 1870's with its resulting social and political problems.

79 or 80. WEST VIRGINIA HISTORY. (2 hrs.)

Following a review of the early history of the Western sections of Virginia, the course deals with the formation and development of the new state.

POLITICAL SCIENCE

55-56. AMERICAN GOVERNMENT AND POLITICS (3 hrs.)

A survey of the structure of national, state and local governments and an analysis of contemporary political problems. Not offered in 1948-1949.

64. EUROPEAN AND ASIATIC GOVERNMENTS. (3 hrs.)

A study of the post-war political systems of the countries of Europe and Asia. Considerable emphasis will be given to the constitution of Russia and to recent political developments in the Orient. Not offered in 1948-1949.

67. GOVERNMENT AND LABOR. (3 hrs.) (Personnel Administration 67)

Analysis of the role of government in labor activities; regulatory and protective legislation; work of administrative agencies. Legislative and judicial appreciation of the economic, social and political problems involved. Reading and independent study. Prerequisite, Economics 43-44 and preferably Personnel Administration 65. Not offered in 1948-1949.

73. ORIGINS OF AMERICAN DEMOCRACY. (3 hrs.)

Exploration of the influence of European institutions and ideologies on the development of American democracy in the colonial and early national period.

74. AMERICAN FOREIGN RELATIONS. (3 hrs.)

American foreign policy from the close of the Civil War to the present time including the implementation of the Monroe Doctrine, Latin American relations, the Open Door policy and the two World Wars.

HISTORICAL METHODS AND PROBLEMS

57 or 58. CONTEMPORARY EVENTS AND TRENDS. (1 hr.)

An appraisal of the significant items and editorials in the news of the day in relation to movements and trends in recent history.

81 or 82. READINGS IN HISTORY. (1 or 2 hrs.)

Selected readings for advanced students in history according to individual needs.

83 or 84. SEMINAR. (1 or 2 hrs.)

Special topics for independent study by advanced students majoring in history.

85 or 86. MATERIALS AND METHODS OF TEACHING HISTORY.
(2 or 3 hrs.)

The course is designed to aid the prospective High School teacher in preparing for classes in history and social science. Not offered in 1948-1949.

87 or 88. HISTORICAL CRITICISM AND INTERPRETATION. (1 or 2 hrs.)

The problems confronting the historian and the student of history, especially in regard to the use of sources. Not offered in 1948-1949.

JOURNALISM

E. E. Roberts, Head of the Department

AIMS:

This department is intended to provide background and some technical training for students preparing to do newspaper work or professional writing.

REQUIREMENT FOR MAJOR:

Students who plan to prepare for journalism, professional writing or graduate study in journalism should elect the following sequence of courses: Journalism 53 and 54 and twelve additional semester hours in journalism; English 31-32 and six additional hours in English literature.

REQUIREMENT FOR MINOR:

At least twelve hours in journalism and English 31-32.

53. REPORTING. (3 hrs.)

A study of techniques and values in news reporting and news writing. Emphasis upon learning to write clearly, forcefully and distinctively. Writing of daily news stories, weekly features and all types of newscopy.

56. ADVANCED REPORTING. (3 hrs.)

Make-up, re-write and copy desk procedure. Prerequisite, Journalism 53.

63. FEATURES. (3 hrs.)

The writing of twenty special features for magazines and trade journals—a minimum of 35,000 words.

64. ADVANCED FEATURES. (3 hrs.)

A study of the magazine field with the submission of ten approved articles. Minimum for the course, 50,000 words. Prerequisite, Journalism 63.

65. ADVERTISING. (3 hrs.)

A study of department store, financial and business advertising programs. Buying motives, sales appeals, copywriting, research media and production.

66. HISTORY OF AMERICAN JOURNALISM. (3 hrs.)

Journalistic backgrounds, followed by development of American newspapers and magazines from colonial days to the present. Also a parallel study of advertising and advertising methods which have made modern American journalism possible. Prerequisite, Journalism 53 or Journalism 63.

71. RADIO AND PLAY WRITING. (3 hrs.)

A study of modern plays and radio scripts. Actual writing of radio scripts or one-act plays as the student may elect.

72. CONTEMPORARY REPORTING PROBLEMS. (3 hrs.)

A study of reporting in specialized fields such as labor news, science and business news. A study of news releases and much actual writing in these fields.

73. ADVANCED FICTION. (3 hrs.)

Intensive writing in some field of fiction selected by the student. Prerequisite, Journalism 71 or Journalism 72.

74. SHORT STORY. (3 hrs.)

A study of narration and characterization as related to the writing of fiction and the writing of twenty short stories to be approved by the instructor.

91-92. PROBLEMS. (1, 2 or 3 hrs.)

Advanced writing projects for senior students of marked ability and interest in the field of journalism. Registration with permission of the head of the department.

LIBRARY SCIENCE

E. Hugh Behymer, In charge

21. INTRODUCTION TO LIBRARIANSHIP. (3 hrs.)

A general introductory course planned to give an overview of the field of librarianship, to study library development and to suggest opportunities for service which the library profession offers.

52. LIBRARY TECHNIQUE. (3 hrs.)

A laboratory course planned to familiarize the prospective library school student with the kind of work and the type of problems undertaken in the professional library schools. Library organization and routines will be studied. Prerequisite, Library Science 21.

MATHEMATICS

Bradford Tye, Acting Head of the Department
Catherine E. Moser, Instructor

AIMS:

The courses in mathematics are designed to give the prospective teacher an understanding and appreciation of the fundamental ideas of elementary mathematics; to provide the general student with a knowledge of the mathematical foundation of our civilization; to provide a tool for the technical student; and to give the prospective graduate student a proper foundation for later study and research.

REQUIREMENT FOR MAJOR:

A minimum of twenty-four hours in mathematics, including Mathematics 31-32, and at least twelve upper division hours. The upper division courses should include Mathematics 53-54. Students interested in science and engineering should elect Mathematics 71 and 72. Students interested in economics should elect Mathematics 57-58. Students interested in mathematics as a teaching subject should elect Mathematics 55 and 56. Two courses in the department should be taken in the senior year.

REQUIREMENT FOR MINOR:

A minimum of eighteen hours in mathematics, including Mathematics 31-32 and six hours in upper division courses.

11 or 14. MATHEMATICAL ANALYSIS. (3 hrs.)

Plane trigonometry, logarithms and the slide rule, linear and quadratic equations, analytical geometry of the straight line, determinants. Students ranking low in the mathematics achievement test for freshmen will be required to make up their deficiency in mathematics by attending a special laboratory section.

12. MATHEMATICAL ANALYSIS. (3 hrs.)

Progressions, binomial theorem, theory of equations, DeMoivre's theorem, mathematical induction, permutations and combinations, the analytical geometry of second degree curves, applications of analytical methods and an introduction of the derivative. Prerequisite, Mathematics 11 or 14 or three units of mathematics at the secondary school level, including trigonometry and high standing in mathematics achievement test for freshmen.

24. PLANE SURVEYING. (3 hrs.)

Care and use of surveying instrument, field problems, computation and mapping. One hour class and four hours field work each week.

27. DESCRIPTIVE GEOMETRY. (2 hrs.)

Principles of projection, non-metric and metric problems, plane sections and developments, intersections of surfaces, construction of perspective drawings. This course achieves an effective correlation between descriptive and analytic geometry by presenting both methods; the graphic and the algebraic. Not offered in 1948-1949.

31-32. DIFFERENTIAL AND INTEGRAL CALCULUS. (3 hrs.)

A standard course on technique of differentiation and integration with applications and an introduction to infinite series. *A continuous course.* Prerequisite, Mathematics 11-12.

52. MECHANICS. (3 hrs.) (Physics 52)

An advanced course in physics, including a treatment of classical mechanics with application of principles and a brief consideration of wave mechanics. Prerequisite, Physics 31-32 and Mathematics 31-32.

53-54. ADVANCED CALCULUS. (3 hrs.)

Theory of the derivative and the integral, partial differentiation and its applications, Green's and Stokes's theorems, power series and Fourier series. Prerequisite, Mathematics 31-32.

55. INTRODUCTION TO HIGHER ALGEBRA. (3 hrs.)

Theory of equations, solution of cubic, quartic and numerical equations, complex numbers and an introduction to the fundamental concepts of algebra—class, group, field, number. Prerequisite, Mathematics 31-32. Not offered in 1948-1949.

56. INTRODUCTION TO MODERN GEOMETRY. (3 hrs.)

Euclidean and non-Euclidean geometries, an introduction to synthetic projective geometry, the concept of limit and infinity, geometrical constructions, recent developments and theorems. Prerequisite, Mathematics 31-32. Not offered in 1948-1949.

57. MATHEMATICS OF STATISTICS. (3 hrs.)

Frequency distributions, measures of central tendency, dispersion and correlation, regression equations and the theory of probability. Prerequisite, Mathematics 11-12.

58. MATHEMATICS OF FINANCE AND INVESTMENT. (3 hrs.)

The operation of interest in annuities, amortization of debts and sinking funds, valuation of bonds, the experience table and calculation of premiums for life insurance. Prerequisite, Mathematics 11-12.

59. ADVANCED ANALYTICAL GEOMETRY. (3 hrs.)

Advanced methods and problems of analytic geometry of two and three dimensions, including loci, the general equation of the second degree, Euclidean transformations, poles and polars, quadric surfaces, determinants. Prerequisite, Mathematics 31-32.

71. DIFFERENTIAL EQUATIONS. (3 hrs.)

Methods of solution of ordinary differential equations and their applications to the physical sciences. Prerequisite, Mathematics 31-32. Not offered in 1948-1949.

72. APPLIED MATHEMATICS. (3 hrs.)

Advanced mathematical theory applying ordinary and partial differential equations to problems in physics, chemistry and electricity. Vibrating string and heat flow problems. Vector calculus and applications. Prerequisite, Mathematics 71.

83-84. SEMINAR IN MATHEMATICS. (1 hr.)

Special reports prepared and presented by the student under supervision. The work of the second semester will help prepare the student for the comprehensive examination. Required of all major students in the senior year.

85 or 86. METHODS AND MATERIALS IN TEACHING MATHEMATICS. (2 or 3 hrs.)

This course presents the most approved methods in teaching mathematics at the secondary level. Class-period activities of the teacher, procedures and devices in teaching, organization of materials, testing, aims and modern trends. Open only to juniors and seniors who expect to teach. Not offered in 1948-1949.

91 or 92. PROBLEMS. (1 or 2 hrs.)

Advanced work and independent study. Open to seniors of unusual ability with permission of the head of the department.

MODERN LANGUAGES

Earl D. McKenzie, Head of the Department

Pearl Mahaffey, Professor

Margaret R. Woods, Assistant Professor

M. Joan Parry, Instructor

Alfonso Berrios, Instructor

AIMS:

This department seeks to introduce students to the language, literature and culture of France, Germany and the Spanish speaking countries; to provide training in reading facility for students who are interested in scientific or historical study requiring the language as a "tool subject"; and to give adequate training in language, literature and expression to students who are preparing to be teachers, translators or representatives in foreign service.

REQUIREMENT FOR A MAJOR IN FRENCH:

Twenty-four hours in French, not including French 11-12, with eighteen hours in the upper division courses plus a reading knowledge of German or Spanish. Students expecting to teach French must complete Modern Languages 85. History 51 and 52 are recommended.

REQUIREMENT FOR A MAJOR IN GERMAN:

Twenty-four hours in German, not including German 11-12, with eighteen hours in the upper division courses plus a reading knowledge of French or Spanish. Students expecting to teach German must complete Modern Languages 85. History 51 and 52 are recommended.

REQUIREMENT FOR A MAJOR IN SPANISH:

Twenty-four hours in Spanish, not including Spanish 11-12, with eighteen hours in the upper division courses plus a reading knowledge of German or French. Students expecting to teach Spanish must complete Modern Languages 85. History 51, 52 and 72 are recommended.

REQUIREMENT FOR A MAJOR IN MODERN LANGUAGES:

A minimum major in one of the languages offered in the department, a minor in a second language and a reading knowledge of the third. Modern Languages 71 is required of all Modern Languages majors.

REQUIREMENT FOR A MINOR IN FRENCH, GERMAN OR SPANISH:

At least eighteen hours in the same language.

NOTE: Students who have studied French, German or Spanish before entering college will be given an achievement test at the beginning of the freshman year. Those showing required proficiency will be enrolled in French 31-32, German 31-32 or Spanish 31-32; those of superior attainments may enter a course in the upper division with permission of the head of the department.

FRENCH**11-12. FIRST YEAR FRENCH. (3 hrs.)**

Fundamentals of grammar, pronunciation and composition. Emphasis on reading. Two hours per week spent on oral training, in addition to work for credit. For students who have no acquaintance with the language.

31-32. INTERMEDIATE FRENCH. (3 hrs.)

Grammar review, composition, dictation, intensive and extensive reading. Emphasis on reading. Prerequisite, French 11-12 or a satisfactory standing in an achievement test.

51-52. CONVERSATION AND COMPOSITION. (2 hrs.)

A study of prose composition, syntax and phonetics. Dictation, conversation, recordings. Prerequisite, French 31-32 or permission of the head of the department.

55-56. MODERN DRAMA. (3 hrs.)

French drama since the seventeenth century. Conducted in French. Prerequisite, a reading knowledge of French. Not offered in 1948-1949.

61-62. NOVEL. (3 hrs.)

The French novel from its beginning to the twentieth century. Conducted in French. Prerequisite, a reading knowledge of French.

65-66. HISTORY OF FRENCH LITERATURE. (3 hrs.)

Survey of French literature from the early periods to the present time. Readings in French from an anthology, lectures, library work, term papers. A general course for all students. Prerequisite, a reading knowledge of French. Not offered in 1948-1949.

71. SEVENTEENTH CENTURY DRAMA. (3 hrs.)

Study of the plays of Corneille, Racine and Moliere, as representatives of the classical spirit in France. Conducted in French. Prerequisite, a reading knowledge of French and preferably French 65-66.

72. NINETEENTH CENTURY POETRY. (3 hrs.)

Study of schools of poetry, Romanticism, Parnassian, Symbolism. Conducted in French. Prerequisite, a reading knowledge of French and preferably French 65-66.

84. SEMINAR FOR MAJOR STUDENTS. (2 hrs.)

Intensive study of French civilization and culture. Geography, history, government, education, science, press, art and music of France. Readings in French.

91 or 92. PROBLEMS. (1 or 2 hrs.)

Independent study in the field of French literature or linguistics. Open only to advanced students majoring in French.

GERMAN**11-12. FIRST YEAR GERMAN. (3 hrs.)**

Fundamentals of pronunciation, grammar, reading and composition. Two hours per week spent in oral training, in addition to work for credit. For students who have no acquaintance with the language.

14. FIRST YEAR GERMAN. (3 hrs.)

Equivalent of German 11 offered in second semester of college year only when demand warrants it.

15. FIRST YEAR GERMAN. (3 hrs.)

Equivalent of German 12 offered in first semester of college year only when demand warrants it. Prerequisite, German 11 or 14 or equivalent.

31-32. INTERMEDIATE GERMAN. (3 hrs.)

Grammar review, composition, dictation, intensive and extensive reading. Special emphasis on outside reading in student's major or minor field. Prerequisite, German 11-12 or equivalent.

34. INTERMEDIATE GERMAN. (3 hrs.)

Equivalent of German 31 offered in second semester of college year only when demand warrants it. Prerequisite, German 11-12 or equivalent.

35. INTERMEDIATE GERMAN. (3 hrs.)

Equivalent of German 32 offered in first semester of college year only when demand warrants it. Prerequisite, German 31 or equivalent.

51-52. CONVERSATION AND COMPOSITION. (2 hrs.)

Practical conversation, study of syntax, prose, composition and dictation. Registration with the permission of the head of the department.

57-58. NINETEENTH CENTURY. (3 hrs.)

Reading and critical study of the nineteenth century, especially Kleist, Hebbel, Heine, Keller and others. Special emphasis on the drama and the Romantic school. Outside readings and reports. Conducted in German. Prerequisite, a reading knowledge of German.

65-66. HISTORY OF GERMAN LITERATURE. (3 hrs.)

A survey of German literature from the Hildebrandslied to the twentieth century. Conducted in English. A reading knowledge of German is desirable but not required.

67-68. EIGHTEENTH CENTURY. (3 hrs.)

Readings of the works of Lessing, Goethe and Schiller. Outside readings and class reports. Conducted in German. Prerequisite, a reading knowledge of German. Not offered in 1948-1949.

91-92. PROBLEMS. (2 hrs.)

Studies of selected areas in the field of German literature and science. Open to advanced students of superior ability. Registration only with permission of the head of the department.

SPANISH**11-12. FIRST YEAR SPANISH. (3 hrs.)**

Fundamentals of pronunciation, grammar, reading and composition. Two hours per week spent in oral training, in addition to work for credit. For students who have no acquaintance with the language.

31-32. INTERMEDIATE SPANISH. (3 hrs.)

Grammar, oral work and reading. Practice in dictation, writing and speaking. Reading of modern prose and plays. Prerequisite, Spanish 11-12 or equivalent.

51. CONVERSATION. (3 hrs.)

Conversation, dictation, recordings and composition. Prerequisite, Spanish 31-32 or permission of the head of the department.

52. COMMERCIAL SPANISH. (3 hrs.)

Study of business and commercial Spanish. Prerequisite Spanish 31-32 or permission of the head of the department.

61-62. SURVEY OF SPANISH LITERATURE. (3 hrs.)

A general survey of Spanish and Spanish-American literature. Literary masterpieces by representative authors of the classical period, the nineteenth century and contemporary literature. Lectures, readings of representative works and reports. Prerequisite, Spanish 31-32 or permission of the head of the department.

71-72. SPANISH LITERATURE OF THE NINETEENTH CENTURY. (3 hrs.)

Emphasis on the development of the drama and novel of the nineteenth century. Lectures, readings and reports. Study of such representative dramatists as los Quinteros and Benaventa and such novelists as Alarcon, Pereda, Perez Galdos and Palacio Valdes. Conducted in Spanish. Not offered in 1948-1949.

91-92. PROBLEMS. (1 or 2 hrs.)

Individual research work for advanced students of superior ability.

MODERN LANGUAGES

71. LINGUISTIC DEVELOPMENT OF MODERN LANGUAGES. (3 hrs.)

An introduction to comparative philology. The development of English, French, German and Spanish from the Indo-European to modern times. Required of all Modern Languages majors. Open to other students with the permission of the instructor. Not offered in 1948-1949.

85. METHODS AND MATERIALS IN TEACHING MODERN LANGUAGES. (2 hrs.)

Study of methods, classroom materials, extra-curricular activities necessary for the teacher of French, German or Spanish.

MUSIC

George K. Hauptfuehrer, Acting Head of the Department

E. D. Rushworth, Assistant Professor

Gladwin Chaffin, Instructor

Mary Vukovich, Instructor

AIMS:

To provide opportunity for students to develop an understanding and appreciation of music as a part of general education. To provide well-balanced and complete four-year courses for students who major in music with the following options; foundation courses for professional performance, courses leading to private teaching, courses leading to public school teaching and supervision.

REQUIREMENT FOR MAJOR:

At least thirty-six hours in the department, including twelve upper division hours and a minimum of eight hours in applied music. The major may be earned in courses leading to professional performance or private teaching or in courses leading to public school teaching and supervision. The sequence of courses must be approved by the head of the department.

REQUIREMENT FOR MINOR:

At least eighteen hours in the department with a sequence of courses to be approved by the head of the department.

LITERATURE AND THEORY OF MUSIC

11-12. EAR TRAINING AND SIGHT SINGING. (3 hrs.)

A study of tonal relationships, simple rhythms, intervals, melodies in both major and minor modes; designed to give the student the ability to recognize, reproduce and record simple melodic and rhythmic patterns. *A continuous course.* Co-requisite for music majors, Music 23-24.

23-24. HARMONY I AND II. (3 hrs.)

A study of major and minor scales, all intervals, triads and chords of the seventh and their inversions in four-part writing, simple modulations, melody writing and the elements of form. *A continuous course.* Co-requisite for music majors, Music 11-12.

31. MUSIC APPRECIATION I. (3 hrs.)

A survey course designed for the layman to give him an overview of the field of music, leading to an appreciation and enjoyment of the world's great music. A general course requiring no technical background.

32. MUSIC APPRECIATION II. (3 hrs.)

A study of the styles and periods of music as exemplified by great composers. A general course requiring no technical background.

35-36. ADVANCED EAR TRAINING AND SIGHT SINGING. (2 hrs.)

An advanced study of tonal relationships, including chromatics, syncopated and difficult rhythms, recognition of harmonic progressions, including simple modulations. *A continuous course.* Prerequisite, Music 11-12. Co-requisite for music majors, Music 45 and 46.

45. HARMONY III. (3 hrs.)

Part-writing, using chromatic harmony, modulation, chords up to the thirteenth; the elements of keyboard harmony; some original writing. Prerequisite, Music 23-24. Co-requisite for music majors, Music 35.

46. COUNTERPOINT. (3 hrs.)

A study of the principles of contrapuntal harmonization in two, three and four parts, and the practical application of counterpoint in the form of invention. Prerequisite, Music 45. Co-requisite for music majors, Music 36.

53-54. MUSIC HISTORY. (2 hrs.)

A study of the historical significance of the main periods and types of music. A general course requiring no technical background. *A continuous course.* Not offered in 1948-1949.

55. FORM AND ANALYSIS. (3 hrs.)

A study of the structural designs upon which music is based, including polyphonic, classic, romantic and modern periods. Prerequisite, Music 45.

56. ORCHESTRATION. (3 hrs.)

A study of the beginning principles of instrumentation and orchestration, including a thorough understanding of transposing instruments, and the problems of writing for such groups of instruments as are most commonly found in the average school or community orchestra. Prerequisite, Music 46.

75. CONDUCTING. (2 hrs.)

A study of the technique of the baton and the different problems to be met in conducting chorus, orchestra and band; the introduction to score reading; and an opportunity for practical experience through the conducting of the college choral and instrumental groups. Offered only to advanced students. Not offered in 1948-1949.

79-80. INSTRUMENTAL TECHNIQUE IN THE PUBLIC SCHOOLS.
(3 hrs.)

A study of the principles, problems and materials for teaching instrumental music in the public schools. Development of the ability to play simple music on at least one representative instrument of each choir of the orchestra. *A continuous course.* Not offered in 1948-1949.

85. METHODS AND MATERIALS IN TEACHING MUSIC IN THE
ELEMENTARY SCHOOLS. (3 hrs.)

A study of the principles, problems and materials for teaching music in the grades.

86. METHODS AND MATERIALS IN TEACHING MUSIC IN THE
SECONDARY SCHOOLS. (3 hrs.)

A study of the principles, problems and materials for teaching music in junior and senior high schools.

88. NORMAL PIANO METHODS. (1 hr.)

A study of the principles, problems and materials for private teaching of piano.

91-92. PROBLEMS. (1 hr.)

An advanced course for major students of music, which may include methods of private teaching, composition or other problems to prepare the individual for his particular interest in music.

APPLIED MUSIC

15b-16b. BAND. (1 hr.)

Study and performance of standard band repertoire. Frequent public appearances.

15c-16c. CHOIR. (1 hr.)

A study of choral literature and rendition of cantatas, oratorios and selected numbers of recognized merit. Regular public appearances.

15e-16e. SMALL ENSEMBLES. (1 hr.)

Male quartet, girls trio, string and wind ensembles. Membership by selection. A study and performance of the literature appropriate to each ensemble. Frequent public appearances.

15g-16g. GIRLS' CHORUS. (1 hr.)

The study and performance of choral literature for female voices, with occasional public appearances.

15o-16o. ORCHESTRA. (1 hr.)

The study and performance of standard orchestral literature with frequent public performances in assembly, at plays and other special events.

21o-22o. ORGAN. (1 hr.)

Technique, theory and literature of the organ. Open to all students who have had some training in either piano or organ. Private lessons.

21p-22p. PIANO. (1 hr.)

The study of piano literature and of the technique of piano playing designed to develop in the student a discriminating appreciation of fine music and fine musical performance. Private lessons.

21s-22s. STRINGS. (1 hr.)

Private lessons in violin, viola, cello or bass. Course open to beginners as well as students with previous training.

21v-22v. VOICE. (1 hr.)

Vocal technique, theory and literature. Open to all students who have adequate native ability with or without previous vocal training. Private lessons.

21w-22w. WIND INSTRUMENTS. (1 hr.)

Private lessons in basic brass and woodwind instruments. Course open to beginners as well as students with previous training.

51o-52o. ADVANCED ORGAN. (1 hr.)

Advanced organ study open only to students who can demonstrate satisfactorily their ability to play compositions equivalent in difficulty to the following: Bach—G minor Fugue, (The Little), D minor Toccata and Fugue; or Widor—Toccata from Symphony V. Private lessons.

51p-52p. ADVANCED PIANO. (1 hr.)

A study of piano technique and literature open only to more advanced students who can demonstrate satisfactorily their ability to perform compositions equivalent in difficulty to the following: Beethoven Op. 27 No. 2; Bach—Preludes and Fugues Nos. 2 & 21 (Vol. I) and No. 12 (Vol. II) of the Well-Tempered Clavichord; Chopin—Nocturne Op. 27 No. 1. Students will be expected to perform in public recitals from time to time. Private lessons.

51s-52s. ADVANCED STRINGS. (1 hr.)

Students who wish to be admitted to upper division string instruction should be able to play satisfactorily music equivalent in difficulty to the Kreutzer Etudes and DeBeriot Concertos for violin. Public performance required. Private lessons.

51v-52v. ADVANCED VOICE. (1 hr.)

Open only to students who have completed four semesters of voice study, can read at sight, have adequate use of at least one modern foreign language, and can demonstrate the ability to perform numbers equivalent in difficulty to standard operatic and lieder literature. Public performance required. Private lessons.

51w-52w. ADVANCED WIND INSTRUMENTS. (1 hr.)

Wind instrument students should be able to play satisfactorily music equivalent to the difficulty of the Klose Book II or Lazarus Book III for Clarinet. Public performance required. Private lessons.

NOTE: Applied music courses may be repeated for full credit. Only twelve semester hours of work in Applied Music can be applied toward meeting the minimum requirements for the baccalaureate degree.

PERSONNEL ADMINISTRATION

Forrest H. Kirkpatrick, In Charge

AIMS:

To give professional insight and understanding to students interested in the field of personnel administration and industrial relations as part of a career in business and for those who want some background in this field as a part of their general education.

65. LABOR PROBLEMS. (3 hrs.)

A study of the position of the wage earner in modern industrial society. Policies, methods and objectives of organized labor. Meaning and determinants of labor supply and employment; sub-standard workers; quest for security; union recognition; social and economic objectives of industrial democracy. Prerequisite, Economics 43-44.

66. PERSONNEL MANAGEMENT. (3 hrs.)

Procedures, activities and evaluation of personnel management and industrial relations in business and industry. Selection and placement; job analysis and evaluation; training and promotion; job satisfaction; wage theory and procedures; manpower utilization; labor-management relations. This course presupposes some knowledge of psychology and statistical method. Not offered in 1948-1949.

67. GOVERNMENT AND LABOR. (3 hrs.)

Analysis of the role of government in labor activities; regulatory and protective legislation; work of administrative agencies. Legislative and judicial appreciation of the economic, social and political problems involved. Reading and independent study. Prerequisite, Economics 43-44 and preferably Personnel Administration 65. Not offered in 1948-1949.

81 or 82. PRACTICUM IN PERSONNEL ADMINISTRATION. (2 hrs.)

On-the-job experience in some phase of personnel administration following a well-planned program. Must be taken in summer vacation or in semester when student is not in full-time residence. Open only to advanced students with permission of the head of the department.

83 or 84. SEMINAR IN PERSONNEL ADMINISTRATION. (2 or 3 hrs.)

Independent work and conference reports on significant projects in specific areas of personnel administration, i.e., industrial, retail, governmental, etc. Extensive reading related to techniques, policies, trends and current issues. Open only to seniors who have professional interest and competence and with permission of the head of the department.

PHILOSOPHY

Harry L. Ice, In charge

AIMS:

Philosophy aims at a study of the problems of life, especially the more persistent problems of reality, knowledge, morality, religion and social life, that the student may develop habits of thinking clearly and thinking complete thoughts which integrate his knowledge from different fields into a unified whole.

53-54. HISTORY OF PHILOSOPHY. (3 hrs.)

A rapid survey of western philosophical thought from the seventh century B. C. to modern times. The first semester will be devoted to a study of ancient and medieval philosophies. The second semester will begin with the Renaissance.

55. REFLECTIVE THINKING. (3 hrs.)

An analysis of deductive and inductive reasoning; practice in the detection of logical fallacies.

56. ETHICS. (3 hrs.)

The theory of the moral life as developed in the history of western thought and applied to personal and social problems.

61-62. PLATO. (3 hrs.)

A critical study of the philosophy of Plato and its influence on ancient and modern thought and culture. Prerequisite, Philosophy 53-54. Not offered in 1948-1949.

63-64. PHILOSOPHY OF RELIGION. (3 hrs.)

A study of the roots of religious experience, religious beliefs and practices such as the idea of God, immortality, prayer and the church. The approach will be philosophical rather than theological. Some of the main types of philosophy such as Humanism, Neo-Thomism, Supernaturalism and Naturalism will also be studied. Not offered in 1948-1949.

71. PROBLEMS OF PHILOSOPHY. (2 hrs.)

Five or six of the major problems of knowledge and existence will be investigated in the writings of great philosophers ranging from Plato to modern times. Prerequisite, Philosophy 53-54. Not offered in 1948-1949.

72. CONTEMPORARY PHILOSOPHY. (3 hrs.)

A study of western philosophical thought since 1900. Prerequisite, Philosophy 53-54. Not offered in 1948-1949.

PHYSICAL EDUCATION AND HEALTH

J. J. Knight, Head of the Department

Glenn A. Johnson, Professor

S. Elizabeth Reed, Assistant Professor

Donna Shaver, Instructor

-----, Instructor

AIMS:

It is the aim of the department to promote the health education and physical development of the student; to provide opportunities for students to participate in and secure a reasonable degree of proficiency in recreational activities; and to train physical education and play leaders for educational, industrial and community situations.

REQUIREMENT FOR MAJOR:

A minimum of thirty hours which should include the following courses: Physical Education 15 or 16, 37, 67 or 68, 77 and 85. Sociology 31, Psychology 31-32, Education 31-32, and Art 26 are recommended.

REQUIREMENT FOR MINOR:

A minimum of twenty hours in the department with the sequence of courses approved by the head of the department.

REQUIREMENT FOR ALL STUDENTS:

Freshmen: Physical Education 11-12 is required. Physical Education 15 or 16 may be elected in the freshman or sophomore year.

Sophomores: Physical Education 35-36 is required of all students, but permission may be granted to substitute equivalent hours from Physical Education 31-32, 41-42, 37, 38, 43, 44, 51-52 or work in varsity athletics.

Physical Education 15 or 16 is to be taken before the end of the sophomore year.

A season's work in varsity athletics, i.e., football, basketball, track, baseball and tennis, is credited with one hour of physical education, provided proper course registration is made. Only two physical education hours may be obtained through varsity athletics.

Graduation: All students are required to present six hours of credit in physical education for graduation, which must include Physical Education 11-12, 35-36 or approved substitute courses and Physical Education 15 or 16 or its substitute.

Not more than a total of four hours' credit toward graduation will be allowed from courses 11-12, 35-36 and varsity athletics.

All students will be required to pass a swimming achievement test prior to graduation. Students who are physically unfit as certified by the college physician may petition to be allowed to substitute hours in other courses in lieu of activity courses in physical education. Students who are not candidates for a degree may be exempt from the requirement of physical education. Any petition for exemption from physical education should be addressed to the Committee on Admissions and Classifications.

11-12. FRESHMAN PHYSICAL EDUCATION. (1 hr.)

Instruction in the techniques and rules of a wide variety of team sports. An activity course. Three periods per week. Required of all freshmen. No tuition charge for this course.

15 or 16. PERSONAL HYGIENE. (2 hrs.)

Fundamental knowledge of personal hygiene and how the health of the individual may be conserved.

Note: Students who have successfully passed Biology 11, or who have shown on a comprehensive test that they possess a satisfactory knowledge of health rules and practices, may be permitted to substitute two hours of academic work for this requirement.

No tuition charge for this course.

31-32. TAP AND CHARACTER DANCING. (1 hr.)

A practical course starting out with elementary tap steps and combinations working up to finished routines and dances. An activity course. Two periods per week.

34. OUR OUTDOORS. (1 hr.) (Biology 34)

A general survey course in the field of man's natural environment from the standpoint of geology and biology. Estimated cost of the course to the student exclusive of tuition, including field trips, food and incidentals: \$5.00 to \$8.00. Enrollment limited to fifteen. Not open to freshmen.

35-36. SOPHOMORE PHYSICAL EDUCATION. (1 hr.)

A practical course dealing with individual sports. For sophomores who desire to elect a general recreation course. An activity course. Three periods per week. No tuition charge for this course.

37. ELEMENTARY SWIMMING. (1 hr.)

Instruction for beginners in buoyancy and floating. Preliminary tests for swimming and such strokes as elementary back, side and crawl. An activity course. Three periods per week.

38. ADVANCED SWIMMING. (1 hr.)

Instruction in correct form of the more advanced strokes as the trudgen, American crawl, racing back and breast. Diving and lifesaving. An activity course. Three periods per week. Prerequisite, Physical Education 37 or equivalent.

41-42. FOLK DANCING. (1 hr.)

A practice course in folk dancing from many countries. English and American country dances studied during the first semester and European folk dances during the second semester. An activity course. Two periods per week.

43. TUMBLING AND STUNTS. (1 hr.)

Practice course beginning with individual stunts and advancing to more intricate work. An activity course. Two periods per week.

44. GYMNASTICS AND APPARATUS. (1 hr.)

A survey course of various gymnastic systems and practice in apparatus. An activity course. Two periods per week.

46. COMMUNITY HYGIENE. (2 hrs.)

A study of health matters pertaining to the social group. Topics included are communicable diseases, vital statistics and legal and social regulations relating to personal and community health.

47-48. THEORY AND PRACTICE OF TEAM SPORTS. (2 hrs.)

Intensive practice with opportunity for officiating in team sports for men and women.

50. SOCIAL DANCING. (1 hr.)

Instruction in the modern social dance steps. Two periods per week.

51-52. MODERN DANCING. (1 hr.)

A practical course in contemporary dancing, emphasizing the use of the fundamental expressive movements in creative work. An activity course. Two periods per week.

53. COACHING FOOTBALL. (2 hrs.)

A study of fundamentals, offensive and defensive styles of play, rules of the game and officiating.

54. COACHING BASKETBALL. (2 hrs.)

A study of fundamentals, offensive and defensive styles of play, rules, officiating and the place of basketball in the intramural program.

56. BASEBALL, TRACK AND FIELD. (2 hrs.)

A study of the strategy and fundamentals of baseball, track and field.

57. COMMUNITY RECREATION. (3 hrs.)

A study of the philosophy of American recreation and community organization for leisure time activities.

58. RECREATION LEADERSHIP. (3 hrs.)

A study of recreational activities with practice in the administration of games, playground activities and handicrafts.

59. PREVENTION AND CARE OF INJURIES. (2 hrs.)

Common hazards of play and athletics with a study of preventative measures and treatment of injuries. Red Cross First Aid Certificate may be earned by those who pass the examination.

67 or 68. PHYSIOLOGY. (3 hrs.) (Biology 67 or 68)

A study of the structure and functions of the human body and the mechanism of bodily movements, responses, reactions and various physiological states. Prerequisites, Biology 11-12 and 36.

70. KINESIOLOGY. (3 hrs.)

A study of fundamental bodily movements and their relation to bodily development and efficiency. Prerequisite, Biology 36 and 67 or 68.

72. CORRECTIVE GYMNASTICS AND NORMAL DIAGNOSIS. (3 hrs.)

A study of variations of the normal types of the human organism, at different age levels. Therapeutic measures will be evaluated, especially those which refer to the correction of mechanical defects. Prerequisite, Biology 36 and 67 or 68.

74. ORGANIZATION AND ADMINISTRATION OF PHYSICAL EDUCATION. (3 hrs.)

This course deals with administrative relationships and procedures in the conduct of physical education.

75-76. THEORY AND PRACTICE OF INDIVIDUAL SPORTS. (2 hrs.)

Intensive practice in badminton, handball, archery, tennis, golf and lifesaving. A study of the rules of each and of methods used in teaching.

77. HISTORY AND PRINCIPLES OF PHYSICAL EDUCATION. (3 hrs.)

A survey of the development of physical education from ancient times to the present. A study of the principles and content of physical education.

79. PHYSIOLOGY OF EXERCISE. (2 hrs.)

A study of the physiological reactions resulting from physical activity. Prerequisite, Biology 67 or 68. Not offered in 1948-1949.

85. METHODS AND MATERIALS IN TEACHING HEALTH AND PHYSICAL EDUCATION. (3 hrs.)

Methods, materials and techniques pertinent to the teaching of health and physical education. Prerequisites, Physical Education 15 or 16, 46 and Biology 67 or 68.

91-92. PROBLEMS. (1 or 2 hrs.)

For advanced students of unusual ability in physical education who can undertake special problems for study or who are prepared to develop and project a program. Not offered in 1948-1949.

PHYSICS

J. S. V. Allen, Head of the Department

AIMS:

The courses in physics are planned to introduce the field of physics to the general student; to teach the fundamentals of the science of physics to students who are training themselves for such professions as medicine, optometry, engineering and the teaching of physics; and to familiarize students expecting to enter graduate school with some of the more advanced materials in physics.

REQUIREMENT FOR MAJOR:

A minimum of twenty-four hours in physics is required. Students interested in science and engineering should elect Physics 52. Physics 91-92 and a reading knowledge of German and French are recommended for students expecting to do graduate work. A minor in mathematics or chemistry is strongly recommended.

REQUIREMENT FOR MINOR:

A minimum of eighteen hours in physics. Mathematics 11-12 and Mathematics 31-32 should be elected.

21. ELEMENTS OF RADIO. (3 hrs.)

A beginning course in radio theory and practice. The laboratory work includes the construction of oscillators, amplifiers and receivers. Not offered in 1948-1949.

31-32. GENERAL PHYSICS. (4 hrs.)

First semester: an elementary treatment of mechanics, sound and heat. Second semester: an elementary treatment of magnetism, electricity and light. *A continuous course.* A fundamental course which is a prerequisite to all advanced physics courses. Prerequisite, Mathematics 11 or its equivalent.

36. BASIC ELECTRONICS. (3 hrs.)

A fundamental course in electronics, including such topics as electron emission, rectifiers, multi-electrode vacuum tubes, photoelectric devices and the cathode-ray oscillograph, with appropriate laboratory experiments. Not offered in 1948-1949.

52. MECHANICS. (3 hrs.)

An advanced course in physics including a treatment of classical mechanics with application of principles and a brief consideration of wave mechanics. Prerequisite, Physics 31-32 and Mathematics 31-32.

54. ADVANCED LIGHT AND PHYSICAL OPTICS. (3 hrs.)

Theories of light, reflection, refraction, interference, diffraction, polarization, geometrical optics, optical instruments, vision and spectroscopy. Prerequisites, Physics 31-32 and Mathematics 31-32. Not offered in 1948-1949.

55-56. LABORATORY IN ADVANCED PHYSICS. (1 or 2 hrs.)

Supplementary to any of the upper division physics courses. Registration with permission of the head of the department.

63. ELECTRICITY AND MAGNETISM. (3 hrs.)

An advanced treatment of electrostatics and magnetics, electro-chemistry; circuit theory and electrical machinery; a consideration of the theoretical and practical applications of electricity and magnetism. Prerequisites, Physics 31-32 and Mathematics 31-32.

66. RADIO. (3 hrs.)

A general course in the theory of radio, carrier-current communication, radar and television. Prerequisite, Physics 31-32.

67-68. SPECTROSCOPIC ANALYSIS. (1 hr.)

A laboratory course employing an E-1 Hilger Spectrograph and auxiliary equipment for analytical work. Much of the work in this course consists of original research and publication of the results. Registration with permission of the head of the department. Not offered in 1948-1949.

69. HEAT. (3 hrs.)

An advanced study of temperature, colorimetry, expansion, conductivity, change of state and radiation. Some consideration will be given thermodynamics and kinetic theory. Prerequisites, Physics 31-32 and Mathematics 31-32. Not offered in 1948-1949.

75. ELECTRONICS. (3 hrs.)

An advanced course in electronics concerned with thyratrons, igitrons, converters, inverters and industrial control circuits. Prerequisite, Physics 36.

**85 or 86. METHODS AND MATERIALS IN TEACHING PHYSICS.
(2 or 3 hrs.)**

Methods and practice in classroom presentation and laboratory supervision. Collateral reading and reports on the history of physical science. Required of all students expecting to teach physics. Not offered in 1948-1949.

91-92. PROBLEMS. (1 or 2 hrs.)

Readings, experiments and investigations in radioactivity, spectroscopy, radio and electronics or in the field of the student's interest. Open only to upper division students of superior ability and accomplishment who are majoring or minoring in the department.

PSYCHOLOGY

Andrew Leitch, Head of the Department

John W. Reid, Instructor

-----, Associate

AIMS:

Psychology is intended to acquaint the student with the facts and laws of behavior, especially human behavior, and with the experimental and scientific approach to problems in this field. The courses offered are designed to enable the student to develop a wholesome personality and to make adequate social adjustments; to give background preparation for professions which relate to individual and group behavior; to equip the student in an elementary way for practical work in mental measurements, personnel analysis and applied fields; and to lay a broad foundation for graduate work and professional study.

REQUIREMENT FOR MAJOR:

A minimum of twenty-four semester hours in the department, which must include Psychology 31-32, 53 or 54, 61, 62, 71 and 75 or 76. A major should include Biology 11. Biology 43 and Sociology 31 are recommended.

REQUIREMENT FOR MINOR:

At least eighteen hours in the department, which must include Psychology 31-32, 53 or 54 and 62 or 64.

31-32. GENERAL PSYCHOLOGY. (3 hrs.)

An introductory course providing a systematic study of the most important facts and laws of behavior and mental life. Emphasis on their practical significance in the professions, business, industry and personal life, with laboratory demonstrations. *A continuous course.*

43. INTRODUCTION TO PSYCHOLOGY. (3 hrs.)

A briefer course similar in content and method to Psychology 31-32. Credit is not given for both Psychology 31-32 and Psychology 43. Not offered in 1948-1949.

53 or 54. EXPERIMENTAL PSYCHOLOGY. (3 hrs.)

A general laboratory course in which the student performs a series of typical psychological experiments in sensory, motor, intellectual and emotional processes. Prerequisite, Psychology 31-32. Offered each semester.

55. APPLIED PSYCHOLOGY. (3 hrs.)

A general course treating the application of psychological principles to problems in the fields of business, the professions and personal life. Prerequisite, Psychology 31-32.

57. PSYCHOLOGY OF PERSONALITY. (3 hrs.)

A study of the phenomena of personality with special attention to the psychology of adjustment—basic human drives, factors affecting personality formation, adequate and inadequate personality adjustments, the development of a wholesome personality and mental hygiene. Prerequisite, Psychology 31-32.

58. ABNORMAL PSYCHOLOGY. (3 hrs.)

A systematic study of mental deficiency, the neuroses, the psychoses (insanity) and abnormal traits in everyday life. Emphasis on causes, symptoms, prevention and treatment. Prerequisite, Psychology 31-32.

61. EDUCATIONAL PSYCHOLOGY. (3 hrs.)

A study of the nature and laws of learning; original nature as conditioning learning; the amount, rate, limit and permanence of improvement; factors and conditions affecting learning; transfer of training; mental fatigue; individual differences; efficient methods of study. Prerequisite, Psychology 31-32.

62. MEASUREMENT OF INTELLIGENCE. (3 hrs.)

A study of the more important techniques for the measurement of intelligence. Historical background, validation and use of intelligence tests in education and in out-of-school agencies. Laboratory work with individual and group tests. Prerequisite, Psychology 31-32.

64. APTITUDE AND PERSONALITY TESTING. (3 hrs.)

The techniques for measuring primary mental abilities, special aptitudes and skills, interests, attitudes and personality. Critical evaluation and some attention to utilization. A laboratory course. Prerequisite, Psychology 31-32. Not offered in 1948-1949.

66. CHILD AND ADOLESCENT PSYCHOLOGY. (3 hrs.)

A study of the physical, intellectual, emotional, social, moral and religious development of the individual in infancy, childhood and adolescence, with special attention to the more serious mental problems of children and adolescents. Prerequisite, Psychology 31-32.

68. CLINICAL METHODS. (3 hrs.)

An introduction to methods and procedures for work in clinical psychology. Integration of case histories, cumulative records, psychometric techniques, etc., in diagnosis and treatment. Prerequisites, Psychology 31-32, 58, 62 or 64.

69. SOCIAL PSYCHOLOGY. (3 hrs.)

A systematic study of the behavior of the individual in social psychological relationships, with special attention to the significance of motives and attitudes. Problems related to adequate and inadequate social adjustments. Prerequisite, Psychology 31-32.

71. STATISTICAL METHODS. (3 hrs.)

Analysis and description of psychological, educational and sociological data by means of statistical constants which measure central tendency, dispersion and simple correlation. Some attention to graphic methods, normal curve and experimental design. Not offered in 1948-1949.

74. INDUSTRIAL PSYCHOLOGY. (3 hrs.)

Intensive study of psychological methods to problems in the industrial world. An advanced course in applied psychology. Personnel selection, classification, accidents, fatigue, productivity, training and morale. Prerequisite, Psychology 31-32 and preferably Psychology 62 and Psychology 71.

75 or 76. CONTEMPORARY SCHOOLS OF PSYCHOLOGY. (3 hrs.)

Historical development and evaluation of some of the more important trends and schools of contemporary psychology such as the structural and functional schools, behaviorism, psychoanalysis, Gestalt, etc. Open only to upper division students who have had more than six hours in Psychology.

91-92. PROBLEMS. (1 hr.)

Independent study for a limited number of advanced students who are majoring in the department. Students may carry on minor psychological experiments, review literature related to some special field or study some major problem in psychological research.

RELIGION

Osborne Booth, Head of the Department

I. T. Green, Professor

Harry L. Ice, Professor

James B. Miller, Instructor

AIMS:

The department seeks to provide a focus of religious meanings for integration of knowledge and for the guidance of life; to prepare students planning to enter the various branches of the Christian Ministry for graduate study in professional schools of religion; and to give enough professional training to enable a graduate of the college to enter immediately into Christian service as a minister or religious educator, until such time as he may be able to continue in graduate study.

REQUIREMENT FOR MAJOR:

Twenty-four hours, of which eighteen hours shall be in upper division courses. For pre-ministerial students this must include Old Testament 33-34 and New Testament 31-32.

REQUIREMENT FOR MINOR:

Eighteen hours, of which twelve hours must be in the upper division.

REQUIREMENT FOR GRADUATION:

Six hours of work in the English Bible are required of all students qualifying for graduation. The following courses may be taken without prerequisites to satisfy this requirement: In the Freshman or Sophomore year; Old Testament 11 or 12 and New Testament 13 or 14; in the Junior or Senior year, Old Testament 55-56 or 71-72. Admission to other courses may be granted only by the head of the department.

OLD TESTAMENT

11 or 12. OLD TESTAMENT INTRODUCTION. (3 hrs.)

A one-semester survey of the history, literature and religion of the Hebrew people, for the general student in the lower division only. Ministerial students will take Old Testament 33-34, instead of this course. Credit will not be given for both this course and Old Testament 33-34. Offered each semester.

33-34. OLD TESTAMENT HISTORY. (3 hrs.)

A history of the political and religious development of the Hebrew people to the time of the Maccabees. This course is required of all majors in the department.

55-56. THE PROPHETS. (3 hrs.)

The origin and development of prophecy among the Hebrews with special attention to social and political backgrounds. Not offered in 1948-1949.

57-58. COMPARATIVE RELIGION. (3 hrs.)

A comparison of the most important features of the great religions of antiquity, including religions of primitives, Egypt, Babylonia, Assyria, Persia, Greece, Rome, Judaism and Christianity. This course does not satisfy the general requirements of six hours in the English Bible. Not offered in 1948-1949.

71-72. THE BIBLE AS LITERATURE. (3 hrs.)

A study of the origin, development and literary values of the various types of literature of the Bible. This course may be used toward a major or minor in English.

NEW TESTAMENT**13 or 14. NEW TESTAMENT INTRODUCTION. (3 hrs.)**

A one-semester course on the life and message of Jesus, the origin of the Christian church and the work of Paul. For the general student in the lower division only. Ministerial students will take New Testament 31-32 instead of this course. Credit will not be given for both this course and New Testament 31-32. Offered each semester.

31-32. NEW TESTAMENT SURVEY. (3 hrs.)

A survey of all books of the New Testament. The first semester will be devoted to the Four Gospels. This course is required of all majors in the department.

65. THE TEACHINGS OF JESUS. (3 hrs.)

The teachings of Jesus in relation to the movements of His time and to the Jewish and Greek backgrounds.

66. THE TEACHINGS OF PAUL. (3 hrs.)

A study of the fundamental doctrines of the Epistles of Paul in the New Testament.

67. THE JEWISH BACKGROUND OF THE NEW TESTAMENT. (3 hrs.)

A study of political developments in Palestine and religious ideas, institutions and movements of Judaism from 200 B. C. to 100 A. D.

68. THE GREEK BACKGROUND OF THE NEW TESTAMENT. (3 hrs.)

A study of the social, religious, economic, political and philosophical movements of the Greek and Roman world as they came to bear upon early Christian history and thought.

73-74. BIBLICAL DOCTRINE. (3 hrs.)

An investigation of the various doctrines of the New Testament studied in relation to later Christian thinking. Not offered in 1948-1949.

91-92. PROBLEMS. (1 or 2 hrs.)

An investigation of special problems of Biblical scholarship. An advanced course for majors. Problems to be selected by the individual student on the basis of personal interest and faculty advice.

CHURCH HISTORY

51-52. HISTORY AND LITERATURE OF THE DISCIPLES. (3 hrs.)

A survey of the rise and development of the Restoration Movement of the Disciples of Christ, including an evaluation of the literature produced.

69. THE ANCIENT CHURCH. (3 hrs.)

A survey of church history from the beginning to the reign of Charlemagne. Not offered in 1948-1949.

70. THE REFORMATION. (3 hrs.)

A survey of church history from Charlemagne to the close of the Reformation. Not offered in 1948-1949.

HOMILETICS

59-60. READING THE ENGLISH BIBLE. (1 hr.)

A practice course in the oral interpretation of the English Bible.

61-62. THE THEORY OF PREACHING. (3 hrs.)

The preparation and delivery of sermons.

63-64. THE WORK OF THE PASTOR. (3 hrs.)

The organization of the local church, including a study of financial methods, evangelism, worship and social program. Not offered in 1948-1949.

RELIGIOUS EDUCATION

79. THE THEORY OF RELIGIOUS EDUCATION. (3 hrs.)

The principles of religious education, factors involved in religious growth and development, and the functions of family, church and state in religious education.

80. THE EDUCATIONAL WORK OF THE CHURCH. (3 hrs.)

A study of the total educational program of the church, with special emphasis on the Church School.

86. METHODS AND MATERIALS IN TEACHING RELIGIOUS EDUCATION. (3 hrs.)

Emphasis on week-day religious education, public school courses in religion and the vacation Church School. Not offered in 1948-1949.

SOCIOLOGY

E. C. Paustian, Head of the Department
-----, Instructor

AIMS:

The curriculum in Sociology is designed to give students an understanding of human relationships, institutions and the social processes; to familiarize them with the nature and causes of social problems; to give students a deeper insight into the requirements of intelligent citizenship and useful participation in community life; to equip students with fundamental preparation for entering various kinds of social services; and to provide preparation for teaching sociology and for graduate or professional study.

REQUIREMENT FOR MAJOR:

Twenty-four to thirty hours in the department with eighteen hours in the upper division. The sequence of courses to be approved by the head of the department.

REQUIREMENT FOR MINOR:

Eighteen hours in an approved sequence of courses. Twelve hours must be in upper division courses.

31. INTRODUCTORY SOCIOLOGY. (3 hrs.)

The basic concepts and principles of sociology applied to modern society; social relations of the community; race and culture; social maladjustments; social processes, change and controls.

32. FAMILY RELATIONSHIPS. (3 hrs.)

The development of marriage and family social functions; contemporary problems and tendencies of the family of today. Prerequisite, Sociology 31.

41. RURAL SOCIOLOGY. (3 hrs.)

Consideration of the rural pattern of life; the institutions, culture and agencies functioning in the country and village life of today.

42. URBAN SOCIOLOGY. (3 hrs.)

A study of the rise and growth of cities; the social organization and problems of the modern city; urban trends, structure and functions.

43. HEREDITY AND EUGENICS. (2 hrs.) (Biology 43)

A general course covering modern theories and laws of heredity and their relations to man. Not offered in 1948-1949.

51. STATISTICAL METHODS. (3 hrs.) (Psychology 71)

Analysis and description of psychological, educational and sociological data by means of statistical constants which measure central tendency, dispersion and simple correlation. Some attention to graphic methods, normal curve and experimental design. Not offered in 1948-1949.

54. CRIMINOLOGY. (3 hrs.)

Analysis of the social processes by which individuals become criminals and delinquents; causative factors, techniques of control and the social treatment of crime. Prerequisite, Sociology 31 or 42.

58. ABNORMAL PSYCHOLOGY. (3 hrs.) (Psychology 58)

A systematic study of mental deficiency, the neuroses, the psychoses (insanity) and abnormal traits in everyday life. Emphasis on causes, symptoms, prevention and treatment. Prerequisite, Psychology 31-32.

65. COMMUNITY ORGANIZATION. (2 hrs.)

Analysis of the social structure and function of the modern community; the social, economic and political organization of urban and rural populations; economic and social resources available for social welfare.

67. CULTURAL ANTHROPOLOGY. (2 hrs.)

A study of primitive people and their institutions in pre-historic and more recent times; the presentation of a cultural perspective. Prerequisite, Sociology 31 or 41. Not offered in 1948-1949.

68. POPULATION PROBLEMS. (2 hrs.)

History of population theories and policies; qualitative aspects of the population problem with reference to eugenics, migration, and control of population. Prerequisite, Sociology 31.

69. SOCIAL PSYCHOLOGY. (3 hrs.) (Psychology 69)

A systematic study of the behavior of the individual in social psychological relationships, with special attention to the significance of motives and attitudes. Problems related to adequate and inadequate social adjustments. Prerequisite, Psychology 31-32.

71. SOCIAL DISORGANIZATION. (3 hrs.)

A study of the impact of social change and the major lags leading to social breakdowns, unemployment, poverty, dependency, disease, various deficiencies and maladjustments. Programs for social adjustment. Prerequisite, Sociology 31.

72. INTRODUCTION TO SOCIAL WORK. (3 hrs.)

A survey of the field of social work; the basic principles and methods of social case work and their application in the treatment of individuals, families and groups. Open to upper division students or by permission of the head of the department.

73-74. SOCIAL THEORY. (3 hrs.)

A study of the various systems, classic and modern, for explaining the social behavior of individuals and groups; the nature of social control, chief social control, devices, institutional pressures, and disruptive factors. *A continuous course.* Open to upper division students or by permission of the head of the department.

75. INDUSTRIAL SOCIOLOGY. (3 hrs.)

A study of the social forces involved in modern industrialism. The impact of technology upon livelihood. The problems of health, unemployment, poverty, leisure, family life and creative thought and participation in community life and the present technological era. Prerequisite, twelve semester hours in sociology.

77. SOCIAL RECONSTRUCTION MOVEMENTS. (2 hrs.)

A serious study and evaluation of present-day efforts to control, direct, or oppose selected social trends; a consideration of forces, leaders and methods employed. Not offered in 1948-1949.

78. GROUP ORGANIZATION AND LEADERSHIP. (2 hrs.)

A consideration of the organization and leadership of homogeneous groups; the study of social processes characterizing such groups on the achievement of socialization and in the treatment of pathological behavior. Prerequisite, twelve semester hours in sociology. Not offered in 1948-1949.

81 or 82. SOCIAL SERVICE PRACTICUM. (1 to 3 hrs.)

Student training and experience, following a well-planned program in some phase of social service such as on the staff of an approved social agency. Must be taken in summer or in semester when student is not in full-time residence. Open only to advanced students majoring in sociology, with permission of the head of the department.

83-84. SEMINAR IN SOCIOLOGY. (1 hr.)

An advanced course for major and minor students in the department. This course has three purposes: to interpret the preceding work in the department; to offer instruction in the technique and methods of social research; and to give each student an opportunity to develop his particular interest in cooperation with the other members of the seminar group.

PART IV

FACILITIES AND RESOURCES

GENERAL INFORMATION

ACADEMIC INFORMATION

EDUCATIONAL PROGRAM

FACILITIES AND RESOURCES

HISTORY

Buffalo Seminary, the forerunner of Bethany College, was inaugurated at Bethany, Virginia, in the year 1818 in the home of Alexander Campbell, commonly known as the Mansion. Here, for some years, Mr. Campbell offered educational advantages for the youth of the community as well as training for young men in the work of the Christian ministry.

A charter was granted to the Trustees of Bethany College by the Legislature of Virginia on March 2, 1840, authorizing the establishment of a "seminary of learning for the instruction of youth in the various branches of science and literature, the useful arts, agriculture, and the learned and foreign languages."

The trustees of the college named Alexander Campbell as the first president and directed him to formulate a plan of instruction for the new institution. He had strong convictions that the spirit of the institution should be altogether non-sectarian; in the charter occurred the statement that "nothing herein contained shall be so construed as at any time to authorize the establishment of a theological professorship." He believed that the formation of moral character should be the chief goal in education and was equally convinced of the necessity for an undergirding of moral instruction. Accordingly the Bible was made a regular textbook in the college and continues as part of the curriculum and life of the institution.

In October of 1841, the first session opened with over a hundred students in attendance. In addition to Mr. Campbell the first faculty included W. K. Pendleton, A. F. Ross, Charles Stewart and Robert Richardson. They envisaged a college of great usefulness for the training of thoughtful leadership in business and the professions as well as the church, and they set for the college a fine tradition of liberal scholarship and standards of excellence. The college has been in full operation as a first class college since the opening date.

LOCATION

Bethany College is situated in the northern panhandle of West Virginia, seven miles southeast of Wellsburg on State Route 67, fifteen miles north of Wheeling on State Route 88 and forty-five miles southwest of Pittsburgh. The village in which the college is located is easily accessible by automobile. A map indicating automobile route to Bethany is printed in the back of this bulletin. A bus line operates on regular schedule between Bethany and Wellsburg. In Wellsburg connection is made with the local bus lines for Steubenville, Ohio; Washington, Pennsylvania; Wheeling, West Virginia; and various interstate bus lines as well as with the Pennsylvania Railroad. Good railroad connections are possible by way of the Pennsylvania Railroad from Steubenville, Ohio and Wellsburg or by way of the Baltimore and Ohio from Wheeling. Bethany is six miles from the Wheeling and Ohio County Airport.

The village of Bethany is situated in rugged, hilly country at an elevation of approximately 1,000 feet above sea level.

BUILDINGS AND GROUNDS

Bethany College now has approximately 1,000 acres of land, with buildings and equipment valued at nearly two million dollars. The land includes the college campus, the college farms, and a number of acres set aside for recreational purposes. The college campus, consisting of about fifty acres, is located on a hilltop overlooking the Buffalo Creek.

MAIN BUILDING—The Main College Building stands in the center of the upper campus. It is an imposing structure of Gothic architecture and is well adapted to the purpose for which it is used. It contains about forty rooms, most of which are used as class rooms. Running the entire length of the west side of the building is the Corridor, an open promenade three hundred feet in length.

COMMENCEMENT HALL—This building was reconstructed and dedicated in 1924. The original Commencement Hall was built in 1872, and the Gothic lines of the original building have been kept. The auditorium seats approximately six hundred people and contains a pipe organ and facilities for motion pictures. Studios and practice rooms for the Department of Music are located on the lower floor of this building.

OGLEBAY HALL—This hall was donated to the college by the late Earl W. Oglebay, of the class of 1869. This building is used mainly for the teaching of Biology and Chemistry. It contains seminar and lecture rooms as well as several laboratories and supply rooms. The style of architecture is Tudor Gothic and harmonizes with the Main Building.

CARNEGIE LIBRARY—This three-story building was made possible by gifts of Andrew Carnegie in 1906. The building is constructed of brown pressed brick with berea sandstone trimmings. The entire building is used for library purposes.

THE IRVIN GYMNASIUM—This building was donated by the Irvin family of Big Run, Pennsylvania, in 1919. The building, being of Gothic architecture, is in harmony with the other college buildings. It is equipped with swimming pool 20 x 60 feet, shower baths, team rooms, and running track, in addition to the gymnasium floor.

RINE RECREATION FIELD—As a memorial to the late Edwin M. Rine, friend and benefactor of the college, the Board of Trustees designated a large area of land directly west of the campus to be known as the Rine Field. Facilities are now being made available on Rine Field for football, baseball, track, cross country, soccer and tennis.

NATURE TRAIL—Margaretta Parkinson bequeathed the Parkinson Farm to the college in 1914. Under the terms of this bequest two tracts of virgin timber on this property, known as the Parkinson Oaks and the Parkinson Woods, are to be preserved intact as a memorial to Thomas Parkinson and Margaret Parkinson, her grandparents and former owners of the farm.

PERCY B. COCHRAN HALL—Hon. M. M. Cochran, of the Class of 1875, donated this dormitory for men in 1910 as a memorial to his son, Percy B. Cochran, of the Class of 1900. The building is four stories high and is built of white brick. It is reserved for freshmen men.

POINT BREEZE HALL—This is a home-like dormitory for thirty college men. It is reserved for students above freshman rank.

PHILLIPS HALL—This dormitory for women was originally donated to the college by Hon. Thomas W. Phillips, Sr., of New Castle, Pennsylvania. In 1930 a new dormitory was completed to replace and include the original building. The new Phillips Hall of red brick and stone has been built along Gothic lines to harmonize with the other buildings of the college. There are student rooms for over a hundred women. In addition to the dormitory space the building provides a central dining room for all of the college women.

GATEWAY HALL—This is a pleasant and home-like dormitory for forty-five college women. It is operated under conditions similar to those governing residents in Phillips Hall with a faculty resident in charge.

BETHANY HOUSE—This new building provides an attractive dining room for the men of the college and an informal social center for the entire student body. It is a three-story brick building built to harmonize with other buildings of the campus.

RESIDENCE HOUSES FOR WOMEN—The college operates other residence buildings for college women which are occupied by chapters of national sororities and are operated under conditions similar to those governing residents in Phillips Hall.

PENDLETON HEIGHTS—A short distance to the north of the Main Building on the campus is the home of the President of the College, known as Pendleton Heights. The building was erected by W. K. Pendleton, second president of the college. It was purchased by the college in 1890.

THE COCHRAN CENTRAL HEATING PLANT—The college came into the possession of this building and its equipment through the generosity of Hon. M. M. Cochran of the Class of 1875. The heating plant was completely remodeled and new units installed in 1935.

THE COLLEGE FARM AND FARM BUILDINGS—Through the generosity of the late E. W. Oglebay of the Class of 1869, Bethany College owns the Alexander Campbell farm of 205 acres. By a deed bearing date of April 7, 1914, Miss Margaretta E. Parkinson has given to the college the farm of 251 acres adjoining the college. In 1937 the college acquired the Point Breeze farm of nearly 300 acres.

FACULTY OFFICE BUILDING—This two-story building of twenty rooms furnishes offices for most of the faculty members.

ALUMNI FIELD HOUSE—A new Field House on Rine Field is in the process of construction. An unobstructed playing floor large enough to accommodate three regulation basketball courts and seating space for more than two thousand spectators will be supplemented by showers, dressing rooms and administrative offices. This will not be available for use until the late fall of 1948.

LIBRARIES

LIBRARY AND READING ROOM EQUIPMENT—The Bethany College Library contains approximately 43,000 volumes of carefully selected books and periodicals designed primarily to meet the needs of the students of an undergraduate liberal arts college. In addition there is a large collection of vertical file materials, newspapers, and government documents. The books are classified by the Dewey Decimal Classification and are catalogued by Library of Congress rules using Library of Congress printed cards when available. The library receives approximately 350 periodicals covering all subject fields offered by the college, current newspapers including foreign language papers.

The reference collection, newspaper files, periodicals and periodical indexes and the library offices and work rooms are located on the first floor of the building. On the main floor of the building are located the central book stacks which are open for the use of all students, the reserve book collection and the card catalogue. All books for courses given in religion, philosophy, art and music are kept on the third floor of the Library building, together with the file of government documents.

Current newspapers and popular magazines, best-sellers in the field of fiction and non-fiction, and recommended books for outside reading are available in the recreational reading room on the second floor. Each afternoon between four and five o'clock there is a program of classical recordings; and on Saturday afternoon during the opera season the entire opera from the Metropolitan Opera House is broadcast, and on Sunday afternoon the New York Philharmonic Orchestra program is broadcast.

GENERAL REGULATIONS—Complete library facilities are available to all students Monday through Friday between the hours of 8 and 12 A. M., 1 and 5 P. M., and from 7 to 9:30 P. M. On Saturday the building is not open in the evening. The building is closed during all scheduled college holidays. Books may be charged out from the open stacks for fourteen days and may be renewed. There is no limit to the number of books which a student may take out. Reserve books may be charged out for two-hour periods during the day and for overnight use when the building is closed. Reference materials, newspapers, and periodicals are not available for circulation outside the building.

SPECIAL COLLECTIONS—Several personal libraries and collections have been received by the college and have been made a part of the College library. The principal parts of the libraries of Alexander Campbell, Robert Richardson, Miss A. C. Pendleton, Archibald McLean, W. S. Priest, Levi Marshall, Miss Mary I. Nichols, R. H. Wynne, Cloyd Goodnight, M. M. Cochran, Anna Ruth Bourne and Clarence A. Hanna are among these. A valuable library of early literature of the Disciples of Christ has come from Samuel Lindsay, Buffalo, New York; from Rev. W. S. Good of Youngstown, Ohio; from Miss Ellen Thomas of Augusta, Georgia; from Rev. Ben S. Ferral of Buffalo, New York, and others.

The Library is building up a collection of phonograph recordings for the use of the Department of Music and the members of the student body. At the present time, there are about 250 albums available including most of the standard symphonies, concertos and operas.

This past year the Library has added a collection of framed pictures selected by the Department of Art which are available to the students on regular library loan for their rooms.

INSTRUCTIONAL EQUIPMENT

BIOLOGY LABORATORIES—The biology laboratories and seminar rooms are located on the first floor of Olgebay Hall. These laboratories are adequately equipped to take care of courses in general biology, plant morphology and physiology, bacteriology, comparative anatomy, embryology, and histology. Special research facilities are available for students in the upper division. Work shops for ornithology and taxidermy, modeling, and other departmental activities are situated in the basement of Oglebay Hall.

CHEMICAL LABORATORIES—These laboratories occupy the second and third floors of Oglebay Hall. They consist of a general laboratory, an analytical laboratory, and well-equipped laboratory for organic and physical chemistry. There are also two minor research laboratories, a spectroscopic laboratory, balance rooms, chemical storerooms, and a small machine shop. General apparatus is adequate for individual instruction in all courses offered.

PHYSICS LABORATORY—The rooms used by the Department of Physics are on the first floor of the Main Building. Modern equipment sufficient for elementary and advanced physics courses is in the possession of the college. Special apparatus is available for work in the fields of magnetism, photoelectricity, electronics, cosmic rays and astronomy.

PSYCHOLOGICAL LABORATORY—The laboratory for experimental psychology is located on the second floor of the Main Building in connection with the psychology lecture room. The laboratory is equipped for work in elementary experimental psychology, mental measurements, and some phases of applied psychology.

MUSIC EQUIPMENT—The studios and practice rooms of the Department of Music are located on the first floor of Commencement Hall. They are well equipped with pianos of well-known make for the use of students taking work in music. A two-manual Teller-Kent pipe organ is available in Commencement Hall for students of music. An additional pipe organ at the Bethany Memorial Church is also available. The vocal work in music is facilitated by the use of a voice recording machine.

ENDOWMENTS

The book value of the endowments of the college as of June 30, 1947 was \$3,006,587.69.

THE M. M. COCHRAN GENERAL ENDOWMENT—On January 25, 1921, Hon. M. M. Cochran of the Class of 1875, gave Bethany certain valuable assets, the proceeds of which are known as the M. M. Cochran General Endowment Fund. Further securities were added to this endowment in 1929 to strengthen and secure the original donation. The value of this gift to the college is placed at \$500,000.

THE M. M. COCHRAN ENDOWMENT OF 1923—On February 19, 1923, Mr. Cochran gave \$300,000 to the college to be known as the M. M. Cochran Endowment of 1923. This was part of the campaign to secure endowment for the college in cooperation with the General Education Board and resulted in increasing the endowments of the college by \$600,000.

THE M. M. COCHRAN ENDOWMENT OF OFFICE AND CHAIR OF PRESIDENT—In collaboration with the Men and Millions Movement of the Disciples of Christ, M. M. Cochran began an endowment of the President's Chair at Bethany College. Subsequent donations increased the endowment for this chair to \$100,000.

THE M. M. COCHRAN TRUST FUNDS—On the death of M. M. Cochran three special funds were set up subject to certain remainder interests, the balance of the income to be used for the general purposes of the college. Certain life interests being satisfied, these trust funds are to become a part of the M. M. Cochran general endowment. The value of these trusts is \$805,695.36.

THE THOMAS W. PHILLIPS BIBLE CHAIR ENDOWMENT—Hon. Thomas W. Phillips, Sr., of New Castle, Pennsylvania, has given \$30,000 to endow a chair known as the Thomas W. Phillips Bible Chair.

THE SARAH B. COCHRAN CHAIR OF PHILOSOPHY ENDOWMENT—Mrs. Sarah B. Cochran of Dawson, Pennsylvania, has contributed \$25,000 toward the endowment of a chair to be known as the Sarah B. Cochran Chair of Philosophy.

THE HERBERT MONIGER CHAIR OF BIBLE SCHOOL PEDAGOGY ENDOWMENT—Through the interest and generosity of many Bible schools, churches, and individuals a fund of \$25,000 has been given to the college for the endowment of the Moniger Memorial Chair of Bible School Pedagogy. Herbert Moniger was a graduate of the Class of 1898.

THE GEORGE T. OLIVER CHAIR OF HISTORY ENDOWMENT—The late Senator George T. Oliver of the Class of 1868 gave \$50,000 to the permanent endowment fund to be used for the endowment of the George T. Oliver Chair of History.

THE R. A. LONG CHAIR OF MATHEMATICS ENDOWMENT—In connection with the Men and Millions Movement of the Disciples of Christ, R. A. Long of Kansas City, Missouri, gave \$50,000 to the endowment fund of the college. This amount was to be used to endow the Chair of Mathematics.

THE THOMAS W. PHILLIPS, JR., ENDOWMENT—Hon. T. W. Phillips, Jr., of Butler, Pennsylvania, has donated \$55,000 to the general endowment fund of the college to be known as the T. W. Phillips, Jr., Endowment Fund.

THE E. M. RINE TRUST FUND—The late E. M. Rine, of Montclair, New Jersey, bequeathed to the college a large share of his estate. Monies from this estate are placed in the E. M. Rine Trust Fund as they are received and are disbursed in accordance with the action of the Board of Trustees. Approximately \$219,000 of this has been used for special purposes. The present value of the property and securities remaining in the trust fund is approximately \$75,000 and is temporarily designated as endowment.

THE ANNA RUTH BOURNE FUND—Anna Ruth Bourne, for many years professor and head of the Department of English, bequeathed to the college her library and the sum of \$12,000 as a gift to the endowment funds of the college. The income from this fund is to be used to purchase books and supplies for the Department of English.

SPECIAL FUNDS

THE GANS FUND—The Gans Fund was established by Wickliffe Campbell Gans, of the Class of 1870, and his brother Emmett W. Gans, in memory of their father and mother, Dr. Daniel L. Gans and Margaret Gordon Gans of East Sparta, Stark County, Ohio. This fund has a value of \$50,000, the income from which is to be used to encourage advance study and research in science by juniors, seniors, and graduates of Bethany College.

THE J. T. SMITH FUND—J. T. Smith bequeathed \$17,216 to the college, the income of which is to be used to assist young men and women who are studying for the Christian ministry.

THE MINNIE W. SCHAEFER FUND—Minnie W. Schaefer has given a sum of \$8,000 to Bethany College, which sum has been designated by the trustees to be used for assistance of students at the college preparing for definite Christian service, and subject to future action of the Board of Trustees.

THE ANNA L. HELWIG FUND—Anna L. Helwig donated to the college the sum of \$32,000 for the general purposes of the college. This sum is temporarily designated as endowment subject to future action by the Board of Trustees.

THE JOSIAH N. WILSON FUND—Josiah N. Wilson donated to the college the sum of \$2,567.03, the income of which is to be used to assist such students as may be studying for service in the Christian Ministry and may be designated by the President of the college.

THE WILLIAM KIMBROUGH PENDLETON ENDOWMENT FUND—By the will of Clarinda Pendleton Lamar, the sum of \$20,000 was bequeathed to the college to establish the William Kimbrough Pendleton Scholarship Fund in memory of her father, William Kimbrough Pendleton. The income from this fund is to be awarded to students from West Virginia under such conditions as the faculty may prescribe.

THE JOHN H. AND IDA H. KING TRUST FUND—The will of Ida H. King establishes the trust fund to be known as the John H. and Ida H. King Trust Fund. The present value of this fund is \$8,000 to be increased by further distributions by the Estate. The income from the Trust Fund is to be used for scholarship purposes—"rendering financial assistance by loan, gift, or otherwise, to worthy young students who are partially or wholly unable to finance their education, upon such terms and conditions as the Trustees or governing body thereof, and their successors, shall in their sole discretion deem advisable."

MEN AND MILLIONS FUND—Certain monies totalling \$66,000 received from the Men and Millions Movement of the Disciples of Christ is designated for the general purposes of the college. These funds are temporarily designated as endowment subject to future action by the Board of Trustees.

GENERAL INFORMATION

RELIGIOUS LIFE

One of the expressed aims of the college is "To provide higher education in an atmosphere sympathetic to Christian ideals and Christian faith and to conserve and develop the moral character and religious life of its students." This aim is meant to bear upon instruction, counseling, social life as well as formal religious services. Students who do not want to be associated with Christian ideals and responsibilities should not plan to come to Bethany.

CHAPEL—A fifty-minute chapel or general assembly is held each Tuesday and Thursday at eleven o'clock. Attendance is obligatory for all students. The chapel services is no wise sectarian.

THE COLLEGE CHURCH—All students regardless of denominational affiliations are welcome as "Student Members" of the Bethany Memorial Church. Opportunity for personal counseling with the minister is offered. Every Sunday there is morning worship in charge of the minister. In the evening there is often an informal service which provides devotional expression and religious stimulus through a variety of mediums such as addresses and forums, motion pictures, religious drama, and vocal and instrumental concerts.

PRE-EASTER SERVICES—Devotional services are held in the Bethany Memorial Church at noon each day during the week preceding Easter of Palm Sunday. Arrangements are in charge of students of the college.

INSTRUCTION—Since its inception, the Bible has been a recognized textbook in the college and each student is asked to pursue this study for at least one year. The approach is intended to be sympathetic and constructive.

STUDENT ACTIVITIES

STUDENT BOARD OF GOVERNORS—As a means of governing and directing student interest and student activities, the Student Board of Governors is maintained by the student body as a legislative and executive body. Matters pertaining to athletics, debating, student

publications, social affairs and general student interests are given attention. The major part of the student activity fee is used by this Board for the various student organizations. The Board cooperates with the college administration in building an intelligent appreciation of social responsibility in college community life.

STUDENT BOARD OF PUBLICATIONS—Student journalistic ventures consist of a weekly newspaper, the *Bethany Tower*, and the college annual, the *Bethanian*. These publications are managed by members of the local chapter of Pi Delta Epsilon, national journalism fraternity, subject to the Student Board of Publications, which is an integral part of the Student Board of Governors.

ATHLETIC BOARD OF CONTROL—In order to supplement the courses in physical education which are required of all freshmen and sophomores who are found upon examination to be physically able to carry the work, Bethany College maintains intramural and intercollegiate teams in many sports. All athletics and physical recreation are under the supervision of the Athletic Board of Control, which is made up of the faculty committee on athletics, and four members of the student body.

Bethany has taken a position of leadership among tri-state colleges by its established athletic policy, which eliminates all professionalism from its program. Intercollegiate competition in football, basketball, tennis, baseball, cross-country, track and field continue. An intramural program has been developed in order to provide opportunity for all to participate in some form of athletic endeavor. Sports which are provided for on the intramural program are soccer, volleyball, swimming, golf, archery, tennis, softball, handball, hockey, basketball and touch football.

Students participating in intramural and intercollegiate athletics do so at their own risk.

ASSOCIATION OF WOMEN STUDENTS—This association, of which every woman student is automatically a member upon her entrance into college, has as its main purpose the building of larger and wider life attitudes through giving the college woman a fuller opportunity for experience in leadership and for sharing with the college the responsibility for her conduct.

STUDENT CHRISTIAN ASSOCIATION—As one of the most important student organizations, the Student Christian Association sponsors conferences, meetings, and study groups in the field of social ethics, international good will, and Christian faith. The Association is directly responsible for Religious Emphasis Week and for the pre-Easter devotional services.

WOMEN'S ATHLETIC ASSOCIATION—The Women's Athletic Association encourages and fosters the participation of all women of the college in swimming, the dance, and many different sports and games. The sports leaders make up the Athletic Board of the W.A.A.

MINISTERIAL ASSOCIATION—This association is made up of young men and women of the student body who are preparing for the work of the Christian ministry. This group of students holds a prominent place in the life of the college. Fortnightly meetings are held, at which vital problems relating to the ministry and the churches are discussed.

CLUBS AND SOCIETIES—Several active clubs and societies are sponsored by various departments in the college. The work of the French Club, Sociology Club, Chemistry Club, German Club, Spanish Club, International Relations Club, Psychology Club and Radio Club have been most notable. Papers dealing with interesting topics are presented by students, faculty members and out-of-town speakers.

The H. T. McKinney Chapter of the Future Teachers of America was chartered at the college in the fall of 1942.

FRATERNITIES—Several of the strong Greek letter fraternities have chapters at Bethany. The fraternities for men are: Beta Theta Pi, Sigma Nu, Phi Kappa Tau, Kappa Alpha, and Alpha Sigma Phi. The fraternities for women are: Alpha Xi Delta, Zeta Tau Alpha, Kappa Delta and Phi Mu. All have national affiliations.

The Interfraternity Council is directly responsible for the coordination of activities of the fraternity groups and for regulations which govern their rushing season. The Pan-Hellenic Board directs the activities and rushing season for the sorority groups.

MUSIC AND DRAMATICS

COLLEGE CHOIR—This mixed chorus sings each Sunday morning at Bethany Memorial Church and gives special programs, in and away from Bethany, including oratoria, cantata and miscellaneous works. Membership is open to all students accepted by the director.

COLLEGE ORCHESTRA—This musical organization is made up of students who have a proficiency on orchestral instruments. Admission is gained by satisfactorily passing an individual examination given by the director. Several concerts are given during the year and music is furnished for some of the dramatic performances.

COLLEGE BAND—The college band is open to all students who show by individual examination a sufficient mastery of their instrument for the type of music to be played. This organization plays for many public occasions throughout the year, including Commencement Day.

DRAMATICS—The program of drama enjoys a prominent place in the life of the college. Two clubs compose the nuclei of play production: the Theater Guild of open membership; and a chapter of the national dramatic fraternity, Alpha Psi Omega, in which students may become members by meeting the national requirements. Departmental clubs at times present plays and the college choir often collaborates in joint production with the Theater Guild.

STUDENT HEALTH

MEDICAL AND PHYSICAL EXAMINATIONS—A medical and physical examination of every new student is made during the early weeks of the college year by the college physician. It is strongly recommended that all students be examined at least once each year by the family physician and dentist before coming to college. All students are urged to have tuberculin and blood tests before coming to college.

VACCINATION—All applicants for admission must have been vaccinated within the past three years, or they must arrange to be vaccinated by the college physician within one month after entrance.

SICKNESS—Each student is expected to report to the college dispensary in case of illness of any kind. In the case of contagious or infectious disease, students will be expected to give absolute observance to any regulations which may be prescribed by the college officers or the county health officials.

The college physician is at the dispensary each day for consultation, examination and treatment. Students are urged to report all injuries, diseases or untoward symptoms, no matter how trivial they may seem. No extensive medical or surgical procedures are carried out at the dispensary, but all minor ailments will be cared for, and some medicines will be supplied.

Arrangements can be made for vaccinations, cold serums and special treatments at the college dispensary. The college physician is available for consultation and professional service without charge only at the dispensary. Students may not call to request nursing services outside the dispensary.

Students are free to employ either the college physician or a physician of their own choice in any case of illness. Well-trained physicians are available in Wellsburg and Wheeling.

INFIRMARY—The college infirmary, in charge of the college nurse and her assistants, is open while college is in session. It includes the doctor's office, treatment room, medicine room, and small wards for men and women.

In case of need each student is entitled to four days of care in the infirmary with no additional charge. For periods in excess of this time a nominal charge of \$2.00 per day is made. Students not boarding in college dining halls will be charged \$2.00 per day for board during the period of hospitalization.

RESIDENCE AND DEPARTMENT

STUDENT RESIDENCE—No student will be permitted to reside or board in any place which has not been listed as approved. Fraternity and sorority houses, private dwellings and dormitory rooms where students are living, must at all times be open for inspection and appraisal as to influences and conditions relating to morals, health and social culture.

The women of the college live either in Phillips Hall, Gateway Hall or in sorority houses. Each is presided over by a house hostess or a faculty resident. The Associate Dean of Students is in charge of the general supervision of the college women, with the direct responsibility for regulation of social life, residence and social privileges, out of town privileges, etc.

SOCIAL LIFE—The men and women of the college meet under conditions intended to provide a pleasant and wholesome social life and a reasonable amount of social recreation is encouraged. Such diversion, however, may be restricted to limits considered favorable to the welfare of the students.

DEPORTMENT—It is understood and expected that all students will observe the usual social conventions and amenities in manners, dress and deportment. It is expected that students will be governed by high personal ideals and good taste, without the existence of minute and specific rules. Students who do not want to cooperate in maintaining high standards will be asked to withdraw from college.

Immorality, drinking, gross misconduct, or failure to follow appropriate regulations as to general deportment will result in immediate suspension or dismissal from the college.

In the administration of regulations and policies, the college officers will be guided in the treatment of the individual cases somewhat by the general attitude of the student toward the college, i.e., whether or not he has proved himself a creditable member of the college community, as shown by regularity in attendance, promptness in the fulfillment of his obligations, earnestness in his endeavors to profit by the college opportunities, and in consideration of high standards in social and moral conduct.

The whole record of each student will be looked into at the end of each semester with reference to his conduct in the community as well as his academic attainments. If the student's conduct has not been satisfactory and is likely to remain so, the administration will consider whether the student is justifying his candidacy for a college degree. Students who do not show promise of accomplishment will not be allowed to continue. *It is expected that a student who earns credits at Bethany College must satisfy the faculty as to uprightness of character as well as accomplishments in scholarship.*

AUTOMOBILES

There is no need for students to maintain automobiles in Bethany and they have proved a detriment to scholarship and a temptation to waste much time. The maintenance of an automobile or motorcycle in Bethany or vicinity without the permission of the college faculty is positively forbidden.

CHANGES IN REGULATION COVERING COURSES OF STUDY, DEGREES, DISCIPLINE, ETC.—The college administration reserves the right to amend the regulations covering the granting of degrees, the courses of study and the conduct of students. Membership in Bethany College and the receiving of a degree are privileges, not rights. *The college reserves the right, and the student concedes to the college the right, to require the withdrawal of any student at any time without explanation or trial.*

ACADEMIC INFORMATION

CLASSIFICATION OF STUDENTS—The classification of students is determined at the beginning of each year according to the following plan: For sophomore rank a student must have at least twenty-five hours of academic credit and fifty quality points. Admission to the upper division or full junior standing is conditioned upon the student having at least sixty hours of academic credit and one hundred and twenty quality points, and he must have passed the sophomore general examination. For senior class rank the student must have at least ninety-four hours of academic credit and one hundred and eighty-eight quality points, and have completed all prescribed courses for graduation.

No student is considered as a candidate for the baccalaureate degree until granted senior classification.

THE GRADING SYSTEM—The class standing of a student in any course pursued is reported by the use of letters. The meaning of letters used is as follows:

A—Excellent. The letter A is used to denote work of unusual merit. This grade carries four quality points for each hour of credit.

B—Good. This letter is used to show appreciation and grasp of the subject that is distinctly above the average and very satisfactory. This grade carries three quality points for each hour of credit.

C—Average. This letter signifies the grade of work done by an average student. It is expected that between fifty and sixty per cent of grades given will be C. This grade carries two quality points for each hour of credit.

D—Inferior. This letter denotes work below the average. It shows a lack of application or of ability to grasp the subject. This grade carries one quality point.

con.—This abbreviation denotes conditional failure. The student is granted the privilege of taking an examination to remove the condition, or, in case of a continuous course, it may be automatically removed by the student making a grade of C or better the following semester. Failure to do so within the following semester will result in the grade being changed to F. Regardless of the manner of removing the condition, no higher grade than D will be allowed.

inc.—The abbreviation *inc.* denotes work not completed as a result of sickness or some other justifiable reason. An incomplete mark should be removed by the end of the fourth week in the following semester, unless an extension of time is granted. It is not possible for a student to remove an incomplete mark after twelve months.

F—Failure. The letter F denotes work that is definitely unsatisfactory and the course not passed. This grade carries no quality points.

W—Withdrawn.

A report of the scholastic standing of students is received at the Office of the Dean of Students at the mid-semester time in addition to the final semester reports. These reports are sent to the faculty counselor of each student and to parents or guardian.

PROBATION—The term “on probation” is applied to students who are allowed to continue in college after having failed to meet the standards expected by the faculty and administration.

Students will be placed on probation for any of the following causes, or a combination of them:

Unsatisfactory scholastic record;
Unsatisfactory class attendance;
Unsatisfactory deportment.

Probation will serve as a serious warning to the student, and to his parent or guardian, that his total record is unsatisfactory and that significant improvement is expected and required.

Students on probation may be declared ineligible for participation in athletic or other student activities. A student on probation is not eligible to receive any grant from college scholarship or loan funds while on probation. Any student who is on probation and does not give evidence of significant improvement within a reasonable time may be required to sever his connection with the college without further explanation or review.

PROVISIONAL ENROLLMENT—The term “provisional enrollment” is applied to the status of students who are permitted to enroll for a provisional period of two weeks pending the receipt of secondary school record, the payment of the required amount on account, or pending the fulfillment of other proper requirement of the administration. This is intended to cover the cases with which the Deans, the Committee on Admissions and Classifications or the Bursar have to deal.

STUDENT'S SCHEDULE—A student ordinarily carries fifteen or sixteen credit hours of academic work each semester, but it is possible for a student to carry additional credit hours with the permission of his faculty counselor. It is ordinarily expected that no student will carry more than nineteen credit hours in any one semester.

Courses should not be changed or dropped except within the first week at the start of any one semester. In special cases a change can be made in courses or schedule with the consent of the instructors concerned, the student's counselor, and either the Dean of the Faculty or the Dean of Students. After the first week it is possible for a student to drop a course only if the counselor and the Deans feel that the best interests of the student will be served by such procedure. Students are not permitted to drop any course without adequate reason and approval.

CLASS ABSENCES—Students are expected to attend all class or laboratory meetings of a course and to participate in any outside activities which are part of the course. The final decision as to approving absences which may be required because of illness or urgent matters of any kind is in the hands of the instructors concerned. Proper penalties or requirements may be imposed by an instructor for absences of any kind. In most cases class attendance is essential if the student is to get the greatest profit.

PENALTY FOR LATE REGISTRATION—Students in attendance during any semester must register on the opening day of the following semester, if they desire to continue their work. For the first three days two dollars is charged for each day of delay in registration and class absences will be counted against the student for all days missed. This rule does not relate to students entering for the first semester.

WITHDRAWAL—An honorable discharge will be granted to any student who is in good standing and is not subject to discipline, who may desire to withdraw from the college, if he has satisfied his counselor and a responsible officer of the college, that there is good reason to justify such action. Students asking to withdraw should present such a request to the counselor in writing with a statement of approval from parent or guardian. The recommendation of the counselor should then be presented to the Dean of Students for final approval and record. No withdrawal will be considered complete until this action has been taken.

FINAL EXAMINATIONS—All students are required to take the final examination in all courses for which they are registered. Only seniors who are taking the comprehensive examination in the major field are excused from final course examinations.

SPECIAL EXAMINATIONS—A student who has been marked conditional in his course at the end of the semester may, with the consent of the instructor, be given an opportunity to take a second examination on the payment of a fee of \$5.00 or when a student is justifiably absent from a final examination he may have a special test upon the payment of a fee of \$5.00. Fees for special examinations must be paid at the office of the Bursar before the examinations are taken. The Bursar's receipt must be presented to the instructor at the time of the examination and delivered by the instructor to the Registrar together with the grade given the student.

REPORT OF STUDENT'S PROGRESS—At any time parents or guardians are free to request further information concerning the development, ability and progress of a student. Requests should be made to the Dean of Students or the Registrar.

ADVANCE ENROLLMENT—One or two weeks after mid-semester grades are issued students of the college are obliged to fill out advance enrollment blanks indicating the courses of study planned for

the coming semester. In the case of freshmen, these courses are selected under the direction of the freshman counselors. In the case of students who have selected a major, the professor in charge of the department elected will counsel regarding the student's curriculum.

TRANSFER OF RECORDS—Students wishing to transfer from Bethany College to another institution should request the Dean of Students or Registrar to send an official transcript of record and notice of honorable dismissal, giving notice of at least one week. One transcript is furnished for each student without charge; for each additional record a fee of one dollar is charged, this fee to be sent to the office with the request. All financial obligations to the college must be paid before a transcript can be issued.

SUMMER COURSES—Credit will be given for a limited amount of work done in the summer session of an approved college or university provided the courses taken are appropriate to the liberal arts curriculum and grades earned are entirely satisfactory. Permission for summer study, must be secured from the Dean of Students or the Registrar.

FRATERNITY AND SORORITY INITIATION—Students shall not be initiated into any fraternity or sorority until they have satisfied the entrance requirements of the college, have fifteen hours of resident collegiate work credited on the college books and have a scholarship index of 2.00. Freshman men and women are not eligible for pledging to a fraternity or sorority chapter until they have been in residence for one semester. There is no scholarship requirement for pledging.

JUNIOR YEAR ABROAD—Specially qualified students may substitute for the work of the junior year in the college a year of study in Europe or England, under proper supervision and direction. To be eligible for the junior year abroad, the student ordinarily must have an average grade of B or over in the work of the first three semesters. Each application must be approved by the faculty. Any student who may wish to avail himself or herself of this opportunity should present the request in writing to the Committee on Admissions and Classifications before the end of the semester of his or her sophomore year.

EDUCATIONAL PROGRAM

INSTRUCTION

The dominant tone in the instructional activities at Bethany College is an emphasis upon the common adventure of students and instructors in learning and living. The college experience is interwoven with opportunities for exchanging ideas, for giving and absorbing inspiration, and for all kinds of cordial faculty-student relationships. The instructional and guidance plan of the college makes it possible to treat students as individuals with differences in experience, attitudes and interests.

In regular courses the writing of papers upon projects involving independent research and critical thinking is emphasized, and conferences upon these papers involve close discussion with instructors as to content, soundness and effectiveness of the students' work. Systematic reading and independent study of all kinds during the summer as well as during the college year, are encouraged and occasionally these form part of a student's formal program.

The college strives to be a democracy of teaching and learning, in which the give-and-take of a discussion between students and instructors in frequent group conferences, in individual tutorial work and in the laboratories, encourages the development of the students' judgment and critical insight. Problems are freely and concretely discussed in an atmosphere of lively criticism. The character of the college plan, a small and select student body and a relatively large faculty primarily interested in teaching and counseling, contribute to effective intellectual activity.

LOWER DIVISION

The college curriculum and general plan of instruction recognize a lower division and an upper division. The lower division represents the traditional freshman and sophomore years, and the upper division the traditional junior and senior years. These divisions are intended to reflect the progression and educational growth that is expected of students as well as differences in instructional procedure and purpose at the two levels in the curriculum.

The work of the lower division is intended to complete what is usually termed a "general education" and it represents the under-

girding of the student's cultural and academic experience. It is based on the belief that the student should become familiar with different fields of knowledge and that the program of general education offered in higher institutions should be essentially a continuation, on a higher level, of academic work in the secondary school. Students are urged to elect widely in the instructional departments of the college. Every major department has survey courses for the lower division students.

One of the chief objectives in the first two years is for the student to discover the field or fields of human achievement in which he possesses a marked and sustained interest combined with distinct ability. Some of the freshmen know what they want to do in college and will have valid reasons for so doing. Others have temporary enthusiasms, preferences and aversions based upon inadequate school experience. Still others, although of good intellectual ability, have no well-defined intellectual purposes of interest.

During these two years, there are frequent individual conferences for the student with his counselor on the progress in courses, projects of study undertaken and total adjustment in academic, vocational and social matters. The student usually completes the prescribed courses for graduation in the lower division. The courses usually elected by freshmen include a foreign language, science or mathematics, history or political science, English and physical education.

A general survey examination is given at the end of the lower division work. Psychometric profiles from this examination are used for educational guidance of individual students.

UPPER DIVISION

In the upper division all students work directly under the professor in charge of the major subject. The teaching procedures and materials give emphasis to individual initiative and concentrated work. As far as possible the student's work is library-and-laboratory centered. Extensive reading, problems and seminars are regular procedures in upper division instruction. The development of an ability to form thoughtful judgments and evaluations, the "attitude of the searcher," and sustained intellectual interests, are a part of the instructional aims at this level. A comprehensive examination, oral and written, in the major subject is required at the end of the senior year.

Students are expected to select their major and minor work in departments that offer adequate courses, and in the upper division a large part of the student's program will center about this department and its allied fields. The major work should be planned as a unified and coherent whole. It should not consist of a series of unrelated courses. Course distinctions need be retained only to such an extent as may be necessary to fit the existing machinery of the college, but they are not to be made sufficiently rigorous as to interfere with the establishment of a properly unified major.

The major may be confined to the work of a single department, or related departments may offer "functional majors" embracing work in two or more departments, if the work is planned and administered as a unit.

COMPREHENSIVE EXAMINATION

As a final prerequisite to the degree, each student is required to pass a comprehensive examination—written and oral—in his major subject. This examination tests the accomplishments of the student in the whole range of the major. The written part of the examination is given in two days by the major department. The oral part is given at some designated time by a committee selected by the major department from the faculty of any accredited college or university.

The comprehensive examination is set and graded with the following points in mind: it shall constitute a test of the major subject as a whole and shall offer the opportunity to the student to show his powers of independent thought in that field; it shall not be a test in which the main stress is put on the memorization and repetition of facts; it shall not be a test, the passing of which is unduly difficult of attainment by students of ordinary intellectual ability who have honestly attempted the work of synthesizing the material of the major subjects; and it shall, at any time, be a test sufficiently searching so that each student may have the opportunity of showing to what extent he may have progressed in his powers of handling a wide variety of material in his chosen subject.

A reading period of two weeks is set aside each year for all seniors who want to make a final review of materials before the examination dates. Candidates for degrees are expected, however, to use the entire senior year in making a review and synthesis of their major field.

STUDENT GUIDANCE

From the beginning of his college career each student has an individual faculty counselor. After the freshman year the counselor is normally a faculty member in the field in which the student is doing his major work. The student has unusual opportunities to be in frequent contact with his counselor, and reports of accomplishment and difficulties can be made directly to him.

The student-counselor relationship, including in its range the student's entire personal and educational development, occupies a significant place in the college plan at Bethany. So far as possible it replaces detailed faculty regulations with individualized program aiming at continuity and personal attention. These counselors, while ministering to all the needs of the student, have as their most important function the interpretation and presentation of sound educational objectives.

The counselor is concerned with the student's selection of courses, his academic progress, standards of conduct, vocational plans and objectives, recreational and social expression. It is hoped that in personal counseling with faculty members there may be implanted in the student a vivid notion of definite and feasible goals toward which he can shape his course and an appreciation of the ideals of scholarship and character that belong to the best traditions of the academic world.

The chief officer in charge of student guidance, student welfare and the coordination of all student personnel administration is the Dean of Students. His staff is intended to unite all the functions and activities which relate themselves to the personal and educational development of individual students so that there may be an adequate understanding of their problems and a planned solution for the same. The Dean of Students shares in the counseling activities, giving a major part of his time to confronting and dealing with individual students and their adjustments to the college experience and to the larger society. Members of his staff are available for help in career guidance, social adjustments, financial problems, graduate study, or personnel analysis.

PART V

DEGREES CONFERRED

ROSTER OF STUDENTS

HONORARY DEGREES CONFERRED

On June 8, 1947

DOCTOR OF DIVINITY

Professor Dwight E. Stevenson, Lexington, Ky.

Reverend Hollis L. Turley, Indianapolis, Ind.

DOCTOR OF LAWS

Mr. Benjamin F. Fairless, Pittsburgh, Pa.

Hon. Fred M. Vinson, Washington, D. C.

Dr. Halford A. Watson, Newport Beach, Calif.

DEGREES CONFERRED IN COURSE CLASS OF 1947

On June 8, 1947

BACHELOR OF ARTS

Summa Cum Laude

Alan James Frisch

Magna Cum Laude

Louise Fletcher Flagg

Eugene Miller

Virginia Mae Shoemaker

Cum Laude

Emma Loutetia Ammon

William Charles Halley

Robert Lee Hueston

Robert Beighley Wright

William Lewis Young

Rite

Jessie Moore Barton, Jr.

Evelyn Louise Bryan

Helyn L. Burrows

William Webster Carlisle

Thomas Carroll Committee

Archie Ernest Conn, Jr.

John Oliver Costine

William Keith Dowler

James Alphonso Duff

Gerald Glenn Ferguson

Sara Ruth Ellen Germon

Mary Jo Gordon

Lila Nan Greenfield

Josephine Garcia Gutierrez

Carolyn Jane Harvey

Roy William Heckel, Jr.

Byron Stanley Henderson, Jr.

C. Frances Kerfoot

Erwin Samuel Koval

Lewis Kuhn

Pauline Bernet Loose

Carolyn Parker Loposer

Beverly Jane Mikels

Edwin LeRoy Myers

Harold E. Myers

Walter L. Myers, Jr.

Amelia C. Nawotka

Barbara Ruth Neff

Agnes Betty O'Masta

Clayton Leslie Pletz

Robert Warren Riedel

Marjorie Elizabeth Risberg

Dorothy June Rowland

Lois Carol Schoonmaker

Norma Jean Scott

Gloria Joan Shaffer

Shirley Jean Vogt

Ira Jay Wilson, Jr.

Jack Allan Wright

BACHELOR OF SCIENCE

Cum Laude

David Vernon Huntsberger
Burton Jay Kallman

Lawrence Basil Slobodkin
Juan Robert Swain

Roger S. Waterman

Rite

Robert Hazlett Bullard
Frank Donics
Dorothea Furber
Benjamin Collins Kenny

John Harry Lammert, Jr.
Ruth Elaine Rogers
Robert Lawrence Scheer
Arthur Atkinson Wells, Jr.

ROSTER OF STUDENTS SUMMER SESSION

1947

SENIORS

Adams, Joseph	2420 Vance Avenue, Wheeling, W. Va.
Angelis, James	6 Woodlawn Court, Wheeling, W. Va.
Beggs, William	519 Oden Street, Confluence, Pa.
Criswell, Charles	161 Valley Boulevard, Wheeling, W. Va.
D'Alberti, Alfred	1318 Park Street, Steubenville, Ohio
Flagg, Duane	901 E. Fifth Street, Ellensburg, Wash.
Henry, C. Kenneth	616 Main Street, Bridgeport, Ohio
Hockensmith, Richard	651 Highland Avenue, Johnstown, Pa.
Jarrett, Robert	602 Elm Street, Martins Ferry, Ohio
MacPherson, James	1601 Main Street, Wellsburg, W. Va.
Rodefer, Alice	102 N. Porter Street, Waynesburg, Pa.
Shankroff, Robert	857 Park Place, Brooklyn, N. Y.
Stanton, Eleanor	465 W. 23rd Street, New York, N. Y.
Stitt, Stanley	418 Lawson Avenue, Steubenville, Ohio
Turnamian, Virginia	4528 Hudson Avenue, Union City, N. J.
Wassmann, Karl	135 N. 17th Street, Camp Hill, Pa.

JUNIORS

Arthur, Furman	132 Old Short Hills Road, Millburn, N. J.
Bartram, George	230 Grant Street, Houston, Pa.
Broderick, Patricia	6017 Buffalo Avenue, Niagara Falls, N. Y.
Casey, John	125 Baywood Avenue, Mt. Lebanon, Pittsburgh, Pa.
Dorsett, Charles	Minden, W. Va.
Eagen, Paul	7 N. 19th Street, Wheeling, W. Va.
Esler, Jack	126 Harrison Street, Elyria, Ohio
Farmer, Alonzo	2113 Commerce Street, Wellsburg, W. Va.
Ferguson, D. Robert	392 Hazel Drive, Pittsburgh, Pa.
Grismer, Elizabeth	15328 Stahelin, Detroit, Mich.
Hall, Philip	223 Orchard Street, Cranford, N. J.
LaBarre, Robert	2015 Pleasant Avenue, Wellsburg, W. Va.
Levine, Robert	911 Walton Avenue, New York, N. Y.
Long, Doris	Pine Grove, W. Va.
Melhado, Julian	Bethany, W. Va.
Meyer, Kenneth	1512 Brown Street, Dayton 9, Ohio
Morgan, Joseph	2517 Hess Avenue, Wheeling, W. Va.
Mulstein, Warren	206 Plymouth Street, Stratford, Conn.
McCloy, Howard	641 Howard Street, Brownsville, Pa.
Nixon, Donald	136 Apple Street, Connellsville, Pa.
Palmer, Kathryn	58 Dewey Avenue, Newark, Ohio

Quade, Albert	2118 Commerce Street, Wellsburg, W. Va.
Richards, Renee	860 W. 181 Street, New York, N. Y.
Richardson, Russell	Bethany, W. Va.
Rodefer, Charles	102 N. Porter Street, Waynesburg, Pa.
Siegel, Fred	2065 East 8th Street, Brooklyn, N. Y.
Silcock, Philip	12 E. Main Street, Carnegie, Pa.
Smith, J. Robert	647 Cove Road, Hollidays Cove, W. Va.
Taylor, Charles D.	Park Place, Chester, W. Va.
Watkins, Jack	150 Washington Avenue, Edgewood, Pittsburgh, Pa.
Whitman, Nancy	50 Ruskin Road, Eggertsville 21, N. Y.
Zaphyr, Peter	2408 Jacob Street, Wheeling, West Virginia

SOPHOMORES

Afflerbach, Harry	345 N. W. Third, Miami, Florida
Ashbaugh, George	1015 Fordham Avenue, Pittsburgh, Pa.
Avery, Charles	19 Westover Avenue, Caldwell, N. J.
Bell, Robert	Oakdale Road, East McKeesport, Pa.
Burt, Chester	14 Bear Brook Road, Park Ridge, N. J.
Churchman, Edwin	Wellsburg, W. Va.
Cole, Leslie	147 Washington Avenue, Maywood, N. J.
Daley, John	Lafayette Place, Waldwick, N. J.
Dasch, Clement	1132 Oregon Avenue, Steubenville, Ohio
Davis, Robert	1 Simpson Avenue, Elm Grove, Wheeling, W. Va.
Dick, Richard	329 Mercer Street, Turtle Creek, Pa.
Dimmit, Howard	773 Ohio Street, Follansbee, W. Va.
Flanagan, Paul	2227 Eoff Street, Wheeling, W. Va.
Gallas, James	1038 Main Street, Wheeling, W. Va.
Gold, Julius	1220 State Street, Bridgeport, Conn.
Greaver, William	2215 Charles Street, Wellsburg, W. Va.
Green, Marshall	99 Ninth Street, Wellsburg, W. Va.
Halley, Robert	310 Fifth Street, Elizabeth, Pa.
Heatherington, Daniel	34th & Belmont Streets, Bellaire, Ohio
Hervey, William	717 High Street, Wellsburg, W. Va.
Hoagland, John	500 Central Avenue, Cranford, N. J.
Irvine, William	128 East 8th Avenue, Tarentum, Pa.
Jackfert, Edward	R. D. 1, Wellsburg, W. Va.
Jones, Willard	71 Boulevard, Bayonne, N. J.
Klug, John	401 Valley View Avenue, Wheeling, W. Va.
Montiegel, Ethel	2419 Hess Avenue, Wheeling, W. Va.
Mulgrew, Donald	Argonne Avenue, Steubenville, Ohio
Niver, George	315 Parkside Drive, Pittsburgh, Pa.
Peterson, Clifford	345 Liberty Avenue, Hillsdale, N. J.
Ritchey, Caryl	Loysburg, Pa.
Ritter, Robert	30 W. Third Street, Corning, N. Y.
Roper, Earl	413 Elm Avenue, Bogota, N. J.
Senaldi, Angelo	35 Hemlock Street, East Paterson, N. J.
Shriner, Edward	334 Parkside Avenue, Mt. Lebanon, Pa.

Staffilena, Raymond	1410 Charles Street, Wellsburg, W. Va.
Staffileno, Fred	1410 Charles Street, Wellsburg, W. Va.
Verwer, Johannes	143 Temple Street, Paterson, N. J.
Wagner, Karl	449 E. 7th Avenue, Tarentum, Pa.
Wiant, Dale	430 N. Zane Highway, Martins Ferry, Ohio
Winski, James	1915 Main Street, Wellsburg, W. Va.
Zuckerman, Marvin	1110 Anderson Avenue, Bronx, N. Y.

FRESHMEN

Dexheimer, Elwood	177 Ellery Avenue, Newark, N. J.
Dynow, Walter	315 E. 11th Street, Chester, Pa.
Fair, Raymond	Bethany, W. Va.
Fisher, Frank	43 Union Street, Waterbury, Conn.
Fisher, William	245 Cove Road, Hollidays Cove, W. Va.
German, Wesley	Wellsburg, W. Va.
Hannig, Ernest	Rear 95 12th Street, Wheeling, W. Va.
Hissrich, William	34 N. Third Street, Martins Ferry, Ohio
Hunt, Robert	253 West 72nd Street, New York 23, N. Y.
Hurford, Robert	375 Sherman Avenue, Sharon, Pa.
Joseph, Joseph	2139 Market Street, Wheeling, W. Va.
Lefkowitz, Alan	360 Cabrini Boulevard, New York 33, N. Y.
MacNichols, Grant	Washington Farms, Wheeling, W. Va.
McMullen, Park	10th & Franklin Avenue, Wellsburg, W. Va.
O'Connor, John	87-12 165th Street, Jamaica, N. Y.
Phillips, William	12 Kentucky Street, Wheeling, W. Va.
Scolnick, Lewis	1204 Vine Street, Connellsville, Pa.
Swerdlove, Arthur	144-80 Sanford Avenue, Flushing, N. Y.
Tominack, Ivan	Windsor Heights, W. Va.
Weigele, Walter	52 Lyons Place, Westwood, N. J.
Wolfe, Fred	180 Zane Street, Wheeling, W. Va.

SPECIAL STUDENTS

Abel, Edward	1290 Jefferson Avenue, Washington, Pa.
Boettcher, Walter	Bethany, W. Va.
Dailer, James	2243 Chapline Street, Wheeling, W. Va.
Furber, Dorothea	3633 Burlington Avenue, St. Petersburg, Florida
Gillespie, Olivia	Pounding Mill, Virginia
Harvey, Carolyn	1806 Charles Street, Wellsburg, W. Va.
Haver, Paul	105 Hill Avenue, Carnegie, Pa.
Howley, Mary	129 Elm Street, Wheeling, W. Va.
Hyde, Harold	Joffre P. O., Pennsylvania
Lintleman, M. Richard	906 California Avenue, Oakmont, Pa.
Rinck, George	19 West Katherine Avenue, Washington, Pa.
Ritter, Jean	30 W. Third Street, Corning, N. Y.
Stewart, Catherine	Leatherwood Lane, Wheeling, W. Va.
Stewart, Charles	Leatherwood Lane, Wheeling, W. Va.

Strobel, Mary	Highland Park, Wheeling, W. Va.
Thalman, Robert	118 20th Street, Warwood, W. Va.
Thistlethwaite, Richard	445 Duncan Avenue, Washington, Pa.
Weaver, William	Burgettstown, Pa.
Winters, William	19182 Vineyard Hills, Wheeling, W. Va.
Zeppos, Steven	115 South Penn Street, Wheeling, W. Va.

SUMMER SESSIONS

1947

Enrollment by Classes

	<i>Men</i>	<i>Women</i>	<i>Total</i>
Senior	13	3	16
Junior	26	6	32
Sophomore	40	1	41
Freshmen	21	0	21
Unclassified	13	7	20
Total	113	17	130

Enrollment by States and Foreign Countries

Connecticut	3
Florida	2
Michigan	1
New Jersey	15
New York	14
Ohio	12
Pennsylvania	31
Virginia	1
Washington	1
West Virginia	50
Total	130

ROSTER OF STUDENTS

ACADEMIC YEAR

1947-1948

SENIORS

Allen, Patricia A.	608 Greendale Avenue, Edgewood, Pa.
Ames, Dorothea F.	27 Norma Place, Buffalo 14, N. Y.
Anderson, Peggy (Now Mrs. H. Dunn)	190 Bethany Pike, Wheeling, W. Va.
Angelis, Fred C.	Stop 10, N. Zane Highway, Martins Ferry, Ohio
Angelis, James W.	Stop 10, N. Zane Highway, Martins Ferry, Ohio
Arthur, Furman C.	132 Old Short Hills Road, Millburn, N. J.
Aull, Helen F.	403 Union Avenue, Ingram 5, Pa.
Baldwin, William M.	Bethany, W. Va.
Beggs, William E.	Box 934, Confluence, Pa.
Belt, W. Duane	West 23rd Street, Bellaire, Ohio
Binder, Mary E.	227 Main Street, E. Rutherford, N. J.
Boyd, Joan	Box 1240, Huntington, W. Va.
Broderick, Patricia A.	6017 Buffalo Avenue, Niagara Falls, N. Y.
Brown, Francis E., Jr.	2006 Madison Street, Chester, Pa.
Byers, Mary M.	19 Warden Street, Uniontown, Pa.
Cameron, Crawford	Bethany, W. Va.
Casey, John	1718 Greentree Road, Pittsburgh, Pa.
Clopine, John J.	Box 301, Red Cloud, Nebraska
Cloudsley, Donald	711 Crescent Avenue, Buffalo 16, N. Y.
Coble, Gomer L., Jr.	324 W. Main Street, Uniontown, Pa.
Cole, Marjorie	2303 Sunset Avenue, Wanamassa, N. J.
Collins, Harry G.	35 Derrick Avenue, Uniontown, Pa.
Criswell, Charles	Apartment 656, Vineyard Homes, Wheeling, W. Va.
Cumming, David	708 California Avenue, Pittsburgh, Pa.
Day, Malcolm	123 61st Street, Niagara Falls, N. Y.
Deer, Elva Mae	717 Sherwood Avenue, Pittsburgh 4, Pa.
Dorencamp, Donald	518 Maple Street, E. Pittsburgh, Pa.
Dorsett, Charles	Minden, W. Va.
Duff, Nancy	1603 Union Avenue, McKeesport, Pa.
Dumbaugh, William C.	3904 Palisades Drive, Weirton, W. Va.
Eaton, Aimee	2106 Sunset Boulevard, Steubenville, Ohio
Eberhard, Robert	1502 Hildreth Avenue, Wheeling, W. Va.
Engel, Samuel	120 Cove Road, Weirton, W. Va.
Epler, John M.	9236 245 Street, Bellerose 6, N. Y.
Esker, Jack	126 Harrison Street, Elyria, Ohio
Fannin, Donald R.	McCauslen Manor, Steubenville, Ohio
Ferguson, D. Robert	392 Hazel Drive, Pittsburgh 16, Pa.
Flagg, Duane L.	Highland Park, Wheeling, W. Va.
Flaherty, Margaret E.	44 Sheridan Avenue, Pittsburgh 2, Pa.
Fulmer, John W.	525 North 3rd Street, Toronto, Ohio

Gillis, Elizabeth	West Lake, North Branford, Conn.
Haley, C. Joan	3 Grosvenor Place, Great Neck, N. Y.
Hall, Philip	223 Orchard Street, Cranford, N. J.
Halley, Vivian	239 86th Street, Brooklyn, N. Y.
Hamerschlag, Allan	211 W. 179 Street, New York 53, N. Y.
Handlan, William	17 Laurel Avenue, Wheeling, W. Va.
Haney, Jean S.	450 Riverside Drive, New York 27, N. Y.
Harner, Lois A.	811 Vine Street, McKeesport, Pa.
Harrison, Esther L.	North Street, North Branford, Conn.
Henry, C. Kenneth	616 Main Street, Bridgeport, Ohio
Herschler, William	494 Bryant Street, N. Tonawanda, N. Y.
Hoak, George	146 61st Street, Niagara Falls, N. Y.
Hockensmith, Richard	651 Highland Avenue, Johnstown, Pa.
Hudson, Robert E., Jr.	131 Alwine Avenue, Greensburg, Pa.
Jarrett, Robert M.	223 W. Church Street, Barnesville, Ohio
Jones, Betty G.	1608 Lee Avenue, McKeesport, Pa.
Jordan, Jeanne	1296 Kensington Avenue, Buffalo 15, N. Y.
Karavanic, Violet	% Old Oak Inn, Weirton, W. Va.
Keller, Marjorie J.	2144 Marshall Avenue, Elm Grove, W. Va.
Kenny, Nancy L.	144 Hillcrest Avenue, Summit, N. J.
Kleesattel, Robert	23 E. Fairview Avenue, Dayton 5, Ohio
Laughner, A. Eugene	1025 Indiana Avenue, Monaca, Pa.
Levine, Robert	911 Walton Avenue, New York 52, N. Y.
Lewellen, William	42 Frank Avenue, Uniontown, Pa.
Link, Robert	60 Hillcrest Lane, Uniontown, Pa.
Loncasty, Donald W.	166 Walnut Street, East Aurora, N. Y.
Long, Doris	Pine Grove, W. Va.
Martin, Mary Jo	White Chapel Road, Newark, Ohio
Maynard, L. Beverly	19312 Birwood Avenue, Detroit, Mich.
Melhado, Julian	Bethany, W. Va.
Merecky, Edward	421 Ringwood Avenue, Pompton Lakes, N. J.
Meyer, Kenneth	1512 Brown Street, Dayton 9, Ohio
Moody, Antoinette	43 Balmiere Parkway, Cranford, N. J.
Mooney, Wade	1417 Wilson Street, McKeesport, Pa.
Mulstein, Warren	206 Plymouth Street, Stratford, Conn.
McAnallen F. Victor	413 Franklin Street, Butler, Pa.
Newman, Jay	45 Christopher Street, New York, N. Y.
Orthey, Eugenia	51 Hawthorne Street, Rutherford, N. J.
Palmer, Kathryn	58 Dewey Avenue, Newark, Ohio
Pease, Mary Lois	535 Broad Street, Wadsworth, Ohio
Perry, David	10 Mountain Avenue, Maplewood, N. J.
Pierson, Marilyn	897 E. Broad Street, Westfield, N. J.
Pinney, Alma J.	Westville Avenue, Danbury, Conn.
Poole, Margaret	41-11 Browvale Drive, Little Neck, L. I., N. Y.
Potts, Gordon	19 Ark Avenue, Mozart Hill, Wheeling, W. Va.
Quade, Albert	2118 Commerce Street, Wellsburg, W. Va.
Quen, Jacques	611 East Beach Street, Long Beach, N. Y.
Radulovic, Mildred	1533 Lincoln Way, McKeesport, Pa.

Rambo, V. Birch	110 Harvey Street, Philadelphia, Pa.
Reynolds, Marie T.	72 Baldwin Place, Bloomfield, N. J.
Richardson, Russell	Bethany, W. Va.
Rodefer, Charles	Bethany, W. Va.
Rohlf, Eleanor	803 Ninth Street, S. W., Massillon, Ohio
Sawyer, William	1448 W. Market Street, Steubenville, Ohio
Schlanger, Gladys	215 E. Gun Hill Road, New York, N. Y.
Seltzer, Gerard	2045 Holland Avenue, Bronx 60, N. Y.
Shankroff, Robert	857 Park Place, Brooklyn, N. Y.
Silcock, Philip	12 E. Main Street, Carnegie, Pa.
Sims, Leonard M.	7 Metropolitan Oval, New York 62, N. Y.
Simson, Harold	156 Delaware Street, Tonawanda, N. Y.
Singer, Alvin	1249 Magnolia Avenue, Camden, N. J.
Sklar, Jordan	1106 Morris Avenue, New York 56, N. Y.
Smith, J. Robert	647 Cove Road, Weirton, W. Va.
Smith, Jo Ann	626 W. 44th Street, Ashtabula, Ohio
Smith, Marilyn J.	Rudolph, Ohio
Solkiewicz, Lucille	7202 Fullerton Avenue, Cleveland, Ohio
Stanton, Eleanor	465 W. 23rd Street, New York, N. Y.
Steffy, Jane O.	532 Maple Avenue, Trenton, N. J.
Stitt, C. Stanley	418 Lawson Avenue, Steubenville, Ohio
Strehan, Margaret	100 Palmer Place, Leonia, N. J.
Stricklin, Alma	Triadelphia, W. Va.
Turley, Richard L.	4218 Broadway, Indianapolis 5, Ind.
Turnamian, Virginia	4528 Hudson Avenue, Union City, N. J.
Unsworth, Edith	35-34 84 Street, Jackson Heights, N. Y.
Wade, Edna E.	7 Steele Avenue, Brownsville, Pa.
Wassmann, Karl	135 N. 17th Street, Camp Hill, Pa.
Watkins, Jack	420 W. Swissvale Avenue, Edgewood, Pittsburgh, 18, Pa.
Weimer, George A.	Bethany, W. Va.
Wells, Llewellyn	Ben's Run, W. Va.
Weser, Emma	R. D. 1, Wellsburg, W. Va.
White, Robert W.	206 Main Street, Reynoldsville, Pa.
Zaphyr, Peter	2408 Jacob Street, Wheeling, W. Va.

JUNIORS

Afflerbach, Harry R.	Bethany, W. Va.
Arnold, Charles J.	Box 1715, Cristobal, Canal Zone
Avery, Helen C.	19 Westover Avenue, Caldwell, N. J.
Ayers, L. Jeanne	74 Hawthorne Terrace, Leonia, N. J.
Bahr, Marjorie L.	85 Bronx River Road, Yonkers 4, N. Y.
Baldwin, Joan E.	284 East Euclid Street, Valley Stream, N. Y.
Barnwell, Mary R.	Pond Road, Great Neck, N. Y.
Bartram, George C.	230 Grant Street, Houston, Pa.
Beard, Donald R.	Box 35, Follansbee, W. Va.
Bell, Robert D.	Oakdale Road, E. McKeesport, Pa.
Bierau, Beatricia	8 Wynmor Road, Scarsdale, N. Y.

Bird, Jane	41 Lynmouth Road, Malverne, N. Y.
Boettcher, Barbara D.	Bethany, W. Va.
Boyd, Robert S.	85 Parkway Road, Bronxville, N. Y.
Brewer, Claire	1116 Ninth Street, Huntington, W. Va.
Brown, William O.	105 23 St. Mark's Avenue, Rockaway Beach, N. Y.
Burton, William	1416 Third Street, Moundsville, W. Va.
Bush, Alice J.	48 Pleasant Street, Grafton, Mass.
Butz, Robert	2019 Bailie Avenue, McKeesport, Pa.
Campbell, Catherine M.	732 North Rochester Road, Oxford, Mich.
Carmody, Barry S.	130 Dudley Avenue, Staten Island, N. Y.
Carter, Reed	696 Beech Street, Washington, Pa.
Churchman, Edwin	R. 1, Wellsburg, W. Va.
Clark, Evelyn P.	R. R. 1, New Augusta, Ind.
Clarke, Charles	1206 Curtis Street, Follansbee, W. Va.
Clemens, James	124 Vincennes Avenue, Oakdale, Pa.
Clowes, George	Brant Road, Ingomar, Pa.
Coe, Austin	820 Wallace Avenue, Wilkinsburg, Pa.
Collins, James L.	1531 Market Street, Wheeling, W. Va.
Cook, Thomas W.	1429 Lincoln Avenue, Pittsburgh 6, Pa.
Cooney, Joan	9 Liberty Court, Hempstead, L. I., N. Y.
Corba, William H.	115 Court Street, Carnegie, Pa.
Daley, John	Lafayette Place, Waldwick, N. J.
Dewey, Helen	1620 State Avenue, Coraopolis, Pa.
Dimmit, Howard T.	773 Ohio Street, Follansbee, W. Va.
Drake, Carol J.	24-40 42 Street, L. I. C. 3, N. Y.
Dunn, Hewitt	190 Bethany Pike, Wheeling, W. Va.
Eagen, Paul W.	7 N. 19th Street, Wheeling, W. Va.
Eaton, Jane	2106 Sunset Boulevard, Steubenville, Ohio
Edmonds, F. Virginia	345 Hamill Road, Verona, Pa.
Ertle, Walter	Box 274, Avella, Pa.
Esaias, Esther	Star Route, Canton, Pa.
Fair, Richard	Bethany, W. Va.
Fallon, F. Mary	2140 Pacific Avenue, San Francisco, Calif.
Farmer, Alonzo	2113 Commerce Street, Wellsburg, W. Va.
Ferris, William N.	2110 Jacob Street, Wheeling, W. Va.
Fink, Norma	31 Irving Place, Baldwin, N. Y.
Fithian, Robert	3503 Glenwood Avenue, Youngstown 7, Ohio
Flemming, Ruth	R. D. 3, Uniontown, Pa.
Foster, Russell	Cardale, Pa.
Gallas, James	1038 Main Street, Wheeling, W. Va.
Golbey, Donald	253 Stuyvesant Avenue, Brooklyn, N. Y.
Gold, Julius	1220 State Street, Bridgeport, Conn.
Goodspeed, Carolyn	18300 Oak Drive, Detroit, Mich.
Goodwin, Laura Jo	624 Cove Road, Weirton, W. Va.
Green, Lois	43 Higgins Avenue, Bridgeport, Conn.
Grismer, Elizabeth	15328 Stahelin, Detroit 23, Mich.
Grizzell, Karl	632 N. Third Street, Toronto, Ohio
Grizzell, F. Karolyn	632 N. Third Street, Toronto, Ohio

Guist, G. Gordon	909 Ross Street, Tarentum, Pa.
Hall, Carolyn B.	380 Elm Avenue, Rahway, N. J.
Hare, Andrew	North Liberty Street, West Alexander, Pa.
Heatherington, Daniel	33 Belmont Street, Bellaire, Ohio
Henry, Marilyn	653 Linwood Avenue, Ridgewood, N. J.
Hile, Betty	356 East Belvedere, Baltimore 12, Md.
Hoagland, John	500 Central Avenue, Cranford, N. J.
Hoyt, Donald	Box 961, Logan, W. Va.
Hueston, Lydia	1238 Hiland Avenue, Coraopolis, Pa.
Imburgia, Rose M.	45 Fox Boulevard, Merrick, L. I., N. Y.
Jagoe, Arthur F.	313 31st Street, Fairlawn, N. J.
Jones, Richard M.	4534 Stanton Avenue, Pittsburgh 1, Pa.
Jones, Willard J.	71 Boulevard, Bayonne, N. J.
Kamhi, Ralph	1212 Grand Concourse, Bronx 56, N. Y.
Kehn, Betty	13 Prospect Street, Williston Park, N. Y.
Keith, Jane	64 Otis Avenue, New Dorp, S. I., N. Y.
Knoepfel, Dorothy A.	1637 Paulding Avenue, New York 61, N. Y.
Kosovec, Dorothy	Burgettstown, Pa.
Kraus, Ralph	212 Fordyce Street, Pittsburgh 10, Pa.
Krebs, Robert M.	Fort Erie, Ontario, Canada
Kruse, Martin	146 81st Street, Brooklyn, N. Y.
Kuntze, Naomi C.	2019 Greene Avenue, Ridgewood 27, N. Y.
LaBarre, Robert	2015 Pleasant Avenue, Wellsburg, W. Va.
Lawrence, Kenneth	815 6th Street, Secaucus, N. J.
Lawyer, John	209 S. Broadway Street, Wheeling, W. Va.
Lowton, Virginia H.	84-23 106th Street, Richmond Hill, N. Y.
Ludewig, Doris	Jaeger Avenue, Maywood, N. J.
Macklin, Frank L.	4812 Water Street, Benwood, W. Va.
Mandakas, Cres	3716 Main Street, Weirton, W. Va.
Mandakas, Eleftheria	3716 Main Street, Weirton, W. Va.
Martin, Georgina	82 Joyce Road, Tenaflly, N. J.
Meixell, Mavis	130 Deerfield Avenue, Buffalo, N. Y.
Mitchell, Roderick	49 Waldron Avenue, Cranston, R. I.
Montiegel, Ethel	2419 Hess Avenue, Wheeling, W. Va.
Morris, June W.	895 Victoria Avenue, Los Angeles 5, Calif.
Moyers, Caroline R.	Norton, W. Va.
Mulgrew, Donald	R. D. 3, Argonne Avenue, Steubenville, Ohio
Mullaney, Kenneth	Pontiac, Ill.
Myers, Munn D.	188 Maple Avenue, Sea Cliff, L. I., N. Y.
McCloy, C. Howard	Box 105, Perryopolis, Pa.
McFadden, Eugene	1117 Third Avenue, Brockway, Pa.
McKenna, Evelyn	864 Highland Avenue, Follansbee, W. Va.
Nakashian, Jack	1-12 Grunauer Place, Fair Lawn, N. J.
Nemwan, Joseph	55 Clinton Place, Bronx 53, N. Y.
Nixon, Donald	Painter Street, S. Connellsville, Pa.
Nottingham, William	371 Norris Avenue, Sharon, Pa.
Perrin, Ralph D.	125 Mang Avenue, Kenmore, N. Y.
Peterson, Clifford	345 Liberty Avenue, Hillsdale, N. J.

Phillips, Mary A.	Hopwood, Pa.
Pilchard, Robert	Bethany, W. Va.
Pohle, George	24 Barry Road, Scarsdale, N. Y.
Quillen, Margaret	Ocean View, Delaware
Ramsdell, Donn	209 E. Pacemont Road, Columbus 2, Ohio
Redgate, Edward	740 Warburton Avenue, Yonkers 3, N. Y.
Richards, Renee	4180 St. Paul's Boulevard, Rochester, N. Y.
Rithner, Virginia	332 Commerce Street, Wellsburg, W. Va.
Ritter, Robert	Bethany, W. Va.
Ruck, Harold	R. D. 1, Connellsville, Pa.
Schulter, Albert	Bethany, W. Va.
Sel, Barbara	109 Eastview Avenue, Leonia, N. J.
Senaldi, Angelo F.	35 Hemlock Street, East Paterson, N. J.
Shotynski, Edward	4517 N. 17th Street, Philadelphia, Pa.
Shriner, Edward C., III	334 Parkside Avenue, Mt. Lebanon, Pittsburgh, Pa.
Siegel, Fred H.	2065 E. 8th Street, Brooklyn, N. Y.
Smith, Robert B.	Box 65, Bedford Hills, N. Y.
Smith, Shirley A.	7479 Market Street, Youngstown, Ohio
Staffilena, Raymond G.	1410 Charles Street, Wellsburg, W. Va.
Staffileno, H. Fred	1410 Charles Street, Wellsburg, W. Va.
Stear, Mary R.	2313 Hall Road, Independence, Mo.
Steckler, Stanley	2180 Wallace Avenue, Bronx 60, N. Y.
Stimmel, Thomas S.	189 Franklin Avenue, Wellsburg, W. Va.
Strouse, Evelyn	25 Grove Street, Baldwin, N. Y.
Taylor, Charles D.	Park Place, Chester, W. Va.
Thiede, Evelyn	425 Tremont Avenue, Westfield, N. J.
Tyrrel, Nelson	677 East 19th Street, Brooklyn, N. Y.
Wallace, Margaret	R. D. 2, New Brighton, Pa.
Warshaw, Jerome	70 Lenox Road, Brooklyn, N. Y.
Weissman, Ruth	1940 Andrews Avenue, Bronx 53, N. Y.
Wester, Betty J.	19 Yale Street, Maplewood, N. J.
White, John F.	Bethany, W. Va.
Whitman, Nancy	50 Ruskin Road, Eggertsville 21, N. Y.
Wiant, Dale M.	R. F. D. 2, West Alexander, Pa.
Williams, James S.	6830 Narrows Avenue, Brooklyn, N. Y.
Winowich, Nicholas	2621 Carey Street, Pittsburgh 3, Pa.
Wolfe, Harry O.	Bethany, W. Va.
Woolery, Nancy	Bethany, W. Va.
Worthington, Cicely	Amsterdam, Ohio
Wyckoff, Frances	94 N. Main Street, Perry, N. Y.
Yaney, Joyce	31 Brinkerhoff Avenue, Teaneck, N. J.
Yochem, Nancy	1216 Eoff Street, Wheeling, W. Va.
Zuckerman, Marvin	143 So. So. Carolina Avenue, Atlantic City, N. J.

SOPHOMORES

Abbott, Beryl D.	28 Woodbine Avenue, New Rochelle, N. Y.
Adams, Joyce C.	156 Sunset Lane, Tenaflly, N. J.
Adams, Mary A.	156 Sunset Lane, Tenaflly, N. J.
Adams, Walter H.	61 Keating Street, Quincy, Mass.
Allen, Vilas	Hundred, W. Va.
Antila, Eric	3836 Marlamont Street, Weirton, W. Va.
Antila, Jack	3836 Marlamont Street, Weirton, W. Va.
Armitage, Kenneth B.	2621 Hollywood Boulevard, Steubenville, Ohio
Ashbaugh, George A.	1015 Fordham Avenue, Pittsburgh, 26, Pa.
Ashley, Joan B.	11 Stoneleigh Road, Watertown, Mass.
Avery, Charles C.	Bethany, W. Va.
Bado, George	R. D. 2, Wellsburg, W. Va.
Balling, Wayne	37 Beeson Boulevard, Uniontown, Pa.
Barger, Mildred L.	702 Fifth Avenue, Moundsville, W. Va.
Barrows, Norma	Maravista Avenue, Falmouth, Mass.
Barth, A. Kenneth	Changebridge Road, Montville, N. J.
Bartholomew, Laura	Senator Hotel, Atlantic City, N. J.
Bedford, Charles M.	319 W. Kennedy Street, Syracuse 5, N. Y.
Beers, Marilyn N.	54 Stratford Road, S. Hempstead, N. Y.
Behrendt, Jack B.	211 Meadow Avenue, Charleroi, Pa.
Bender, William J.	250 Banks Street, Waterbury, Conn.
Benedict, David	Bethany, W. Va.
Berg, Joseph R.	Indian Head, Pa.
Berriman, Fred	61 North Drive, Eggertsville, N. Y.
Black, Martha J.	362 Fifth Avenue, New Kensington, Pa.
Blair, Nancy V.	Glen Dale, W. Va.
Blankenship, Vernon	412 Second Avenue, S. Charleston, W. Va.
Block, Natalie	6307 Saunders Street, Forest Hills, N. Y.
Bloom, Zane	156 Victory Lane, Leetsdale, Pa.
Boden, Donald E.	1026 Oak Avenue, Turtle Creek, Pa.
Bonville, William J.	32 South Street, Leominster, Mass.
Bowden, Perry	136 Catskill Avenue, Pittsburgh 27, Pa.
Bowie, William	641½ Ferndale Avenue, Youngstown, Ohio
Bratt, Willard	1816 Midland Avenue, Syracuse, N. Y.
Bricker, Herbert	36 20 Parson Boulevard, Flushing, L. I., N. Y.
Broberg, Harry	333 La Blanc Street, Pittsburgh 18, Pa.
Brown, Shannon W.	252 Kruger Street, Wheeling, W. Va.
Brown, William J.	R. D. 1, Wellsburg, W. Va.
Bruhn, Philip H.	Park View Lane, Elm Grove, W. Va.
Bruhn, Robert T.	Park View Lane, Elm Grove, W. Va.
Buchanan, Robert	1701 Bailie Avenue, McKeesport, Pa.
Burch, Nancy	227 Cedar Boulevard, Pittsburgh 16, Pa.
Burlingame, Anita	521 S. 16th Street, Herrin, Ill.
Burt, Chester A., III	14 Bear Brook Road, Park Ridge, N. J.
Bush, Frank	64 15th Street, Wellsburg, W. Va.
Buzzard, Ruth A.	146 S. Park Street, Wheeling, W. Va.

Carman, James W.	Auld Terrace, Allison Park, Pa.
Carman, W. Richard	Belmont, Ohio
Carroll, Betty L.	105 Petroleum Avenue, Claysville, Pa.
Chaparian, Albert	791 E. 18th Street, Paterson 3, N. J.
Clow, Clifford R.	Chapman Heights, Wellsburg, W. Va.
Coble, Robert	324 W. Main Street, Uniontown, Pa.
Cole, Leslie	147 Washington Avenue, Maywood, N. J.
Collin, James R.	147 Second Street, Fanwood, N. J.
Collins, Warren	325 Hillside Avenue, Nutley, N. J.
Cooper, Arnold	499 Ft. Washington Avenue, New York 33, N. Y.
Coppola, Matthew	20 Astor Place, Yonkers, N. Y.
Corcoran, Laurence	Old Mill, Hatboro, Pa.
Corsini, Marie	18 Mortimer Terrace, Quincy, Mass.
Cottingham, G. Malcolm	935 Ocean View Drive, Honolulu, T. H.
Crane, Donald	West Liberty, W. Va.
Culley, Betty	Brookside Farms, Pittsburgh, Pa.
Culver, Perry	R. D. 1, Connellsville, Pa.
D'Anci, Michael	Box 432, Emerson, N. J.
Daniels, E. Louise	22 Hartwell Street, Pittsburgh 5, Pa.
Davis, Robert H.	1 Simpson Avenue, Elm Grove, W. Va.
Deflin, Ralph	312 Russell Street, Sharon, Pa.
deGruyter, C. Conrad	417 Center Street, Spencer, W. Va.
Delano, Anne	23 Marvin Road, Wellesley, Mass.
De Sciora, Edward	429 Third Street, Brooklyn 15, N. Y.
Dexheimer, Elwood	177 Ellery Avenue, Newark 6, N. J.
Dick, Richard	329 Mercer Street, Turtle Creek, Pa.
Dilimetin, Anthony	356 Cedar Avenue, Long Branch, N. J.
Doering, Marjorie	82 Middle Street, Braintree, Mass.
Dole, Virginia	846 Worcester Street, Wellesley 81, Mass.
Dunkle, Ralph	18 176 Vineyard Hill, Wheeling, W. Va.
Dunnett, June	7101 Colonial Road, Brooklyn, N. Y.
Durig, Nancy	1804 First Street, Moundsville, W. Va.
Dynow, Walter	107 McCormick Street, Ridley Park, Pa.
Ely, Frances	1545 S. Rockhill Avenue, Alliance, Ohio
Ely, John	N. Liberty Street, West Alexander, Pa.
Fair, Raymond L.	Bethany, W. Va.
Fernschild, Shelia	193 Rockingstone Avenue, Larchmont, N. Y.
Ferrell, Frank	87 Washington Street, Sharon, Pa.
Ferrell, James	1400 Main Street, Follansbee, W. Va.
Fiederlein, Frederick	1126 E. Front Street, Plainfield, N. J.
Fink, John	New Cumberland, W. Va.
Fitch, Lucille	West 23rd Street, Bellaire, Ohio
Flanagan, Paul	2227 Eoff Street, Wheeling, W. Va.
Flucke, Barbara	18635 Birchcrest, Detroit 21, Mich.
Foose, Harry	7 Belmont Street, Wheeling, W. Va.
Forges, Elvira	732 Grant Street, Springdale, Pa.
France, Carl	Box 38, West Middletown, Pa.
France, Dorothy	407 Dinwiddie Avenue, Blackstone, Va.

Fuhrman, Robert	5610 Post Road, New York 63, N. Y.
Fuller, Ellen	2210 Massachusetts Avenue, Lexington, Mass.
Furst, Kenneth	155 Nichols Avenue, Brooklyn 8, N. Y.
Gabia, Leon	533 Beech Road, Weirton, W. Va.
Gaither, Shirley	3840 Brownsville Road, Pittsburgh, Pa.
Garlick, Charles	New Cumberland, W. Va.
Garnick, Joseph	Bethany Pike, Wellsburg, W. Va.
Gephardt, Randall	1631 Lowrie Street, Pittsburgh 12, Pa.
Gergely, Alfred	502 Mahan Avenue, Follansbee, W. Va.
Gilchrist, Warren	1918 Marianna Street, Wellsburg, W. Va.
Gilmore, Dorothy	504 Bellevue Terrace, Bellevue, Pa.
Glassman, Mervin	1693 Putnam Avenue, Brooklyn, N. Y.
Goldsmith, Doris	35 Westbourne Terrace, Brookline, Mass.
Greaver, William	2215 Charles Street, Wellsburg, W. Va.
Green, Charles	2902 Charles Street, Wellsburg, W. Va.
Green, Marshall	99 9th Street, Wellsburg, W. Va.
Griffith, Benjamin	43 Clark Street, Uniontown, Pa.
Gwennap, Jack	48 Frazier Avenue, Mozart Hill, Wheeling, W. Va.
Haering, Ruth	128 Lenox Avenue, New Milford, N. J.
Halley, Robert	310 Fifth Street, Elizabeth, Pa.
Hamilton, Charles	130 20th Street, Wellsburg, W. Va.
Hankey, Robert	5 Grove Street, Gilbertsville, N. Y.
Hannig, Ernest	Rear 95 12th Street, Wheeling, W. Va.
Hannon, Billy Jo	1012 Temple Street, Hinton, W. Va.
Hardy, Patricia	629 Carolina Avenue, Chester, W. Va.
Harrison, Virginia	137 E. Church Street, Somerset, Pa.
Henthorne, Ivan D.	Porters Falls, W. Va.
Hervey, William	1914 Marianna Street, Wellsburg, W. Va.
Hissrich, William	54 N. 3rd Street, Martins Ferry, Ohio
Hite, Raymond H.	1014 Jefferson Avenue, Huntington, W. Va.
Hoff, Enid	322 Smith Street, Peekskill, N. Y.
Holcomb, Royce A.	Seaman Neck Road, Wantagh, N. Y.
Huhn, Ross	Liberty Street, Smithfield, Pa.
Hunt, Robert J.	253 W. 72nd Street, New York 23, N. Y.
Hurford, Robert A.	375 Sherman Avenue, Sharon, Pa.
Huth, Ralph L.	R. F. D. 1, Oteen, N. C.
Irish, John	195 Pleasant Avenue, Hamburg, N. Y.
Jackfert, Edward	R. D. 1, Wellsburg, W. Va.
Jackson, Martha A.	Kenneth Square, Pa.
Jagoe, Bud J.	3-13 31st Street, Fairlawn, N. J.
Jepson, Maurice	Bethany, W. Va.
Johnston, B. Vaughn	1541 Cumberland Street, Pittsburgh 5, Pa.
Jones, Nancy	R. F. D. 1, Jackson, Mich.
Jones, Richard S.	R. D. 1, Mingo Junction, Ohio
Joseph, Joseph F.	2139 Market Street, Wheeling, W. Va.
Kalbfleisch, Gertrude E.	Howard Place, Wheeling, W. Va.
Kamerer, Roland	Mingo Junction, Ohio
Kearney, James J.	35 Bennett Avenue, Rochelle Park, N. J.

Kearney, Thomas F.	35 Bennett Avenue, Rochelle Park, N. J.
Kelley, William T.	425 Overhill Road, Haddonfield, N. J.
Kelly, David A.	352 W. Hazeltine Avenue, Kenmore, N. Y.
Kennedy, William	110 Wachusett Avenue, Lawrence, Mass.
Kern, Betty	2965 Marion Avenue, Bronx 58, N. Y.
Kiamie, Edward	Bethany, W. Va.
Kindig, Kenneth H.	Stillwater, Pa.
Kinsey, Jack S.	320 Orchard Street, Weirton, W. Va.
Kirner, Elizabeth A.	517 Montana Avenue, Pittsburgh 14, Pa.
Klug, John J.	401 Valley View Avenue, Wheeling, W. Va.
Knoepfel, Joan	1637 Paulding Avenue, New York 61, N. Y.
Koleszar, John	297 Avenue C, Bayonne, N. J.
Koperek, Bernard	1165 Second Avenue, New Kensington, Pa.
Kraft, Jean C.	1330 Jefferson Avenue, Brooklyn 21, N. Y.
Krebs, C. Dean	Fort Erie, Ontario, Canada
Kulawiec, Edwin	57 Pulaski Street, Newark 5, N. J.
Lambert, Herbert	503 Fifth Street, Moundsville, W. Va.
LaTourette, Harvey	65 Southern Slope Drive, Millburn, N. J.
Laughner, Dale	1025 Indiana Avenue, Monaca, Pa.
Leach, Frank	10 Moller Street, Tenafly, N. J.
Leeson, Paul	Box 262, Weirton, W. Va.
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Levy, Theodore	2 Reid Street, Long Branch, N. J.
Libertini, Frank	46 Charlsmount Avenue, Quincy, Mass.
Liedke, Thomas	169 N. Sprauge Avenue, Bellevue, Pa.
Lloyd, Joanne	526 Edgewood Avenue, Oakmont, Pa.
Lohman, Robert	R. D. 2, Waynesboro, Pa.
Lombard, C. Joyce	20129 Briarcliff, Detroit 21, Mich.
Lowder, Mary C.	309 Brooks Street, Charleston, W. Va.
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Ludington, Allen	1012 Phoenix Avenue, Chester, W. Va.
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Marko, Andrew	Box 303, Allison, Pa.
Marko, George	Box 303, Allison, Pa.
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Marshall, Edmund	2107 Wiltshire Drive, Huntington, W. Va.
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Martin, Harold	2216 Hess Avenue, Wheeling, W. Va.
Massay, George	306 Sixth Street, Monongahela, Pa.
Mattner, Joan	229 Laurel Avenue, Bellevue, Pittsburgh, Pa.
Mayer, Stewart	504 Ohio River Boulevard, Pittsburgh, Pa.
Meess, Richard	803 Norwich Avenue, Pittsburgh, Pa.
Messer, Barbara	250 Cabrini Boulevard, New York 33, N. Y.
Messing, Irwin	240 Central Park South, New York, N. Y.
Metz, M. Elizabeth	235 Kruger Street, Wheeling, W. Va.

Mewhirter, James	710 Florence Avenue, Avalon, Pa.
Meyer, George	711 Loretta Avenue, Toronto, Ohio
Moyer, Doris H.	69 Colvin Road, Hamburg, N. Y.
Myers, Leburn	1029 Virginia Avenue, Fairmont, W. Va.
MacNichols, Grant	Washington Farms, Bethany Pike, Wheeling, W. Va.
McClelland, Ardythe	115 Delaware Avenue, Dayton 5, Ohio
McGhee, Brooke B.	214 W. Main Street, Lock Haven, Pa.
McIntosh, Daniel	Ridge Avenue, New Cumberland, W. Va.
McKenna, Richard E.	R. 1, Weirton, W. Va.
McKenzie, Dewey R.	201 18th Avenue, Hattiesburg, Miss.
McKinney, John	509 Engle Street, Englewood, N. J.
McKinney, Julia E.	Bethany, W. Va.
Niver, George E., Jr.	2484 Wenzell Place, Pittsburgh 16, Pa.
Norbury, James	230 Orchard Street, Watertown, Mass.
Norton, Don	10626 S. Oakley Avenue, Chicago, Ill.
Novatt, Melvyn	975 Washington Avenue, Brooklyn, N. Y.
Novick, Carol G.	1915 Morris Avenue, New York 53, N. Y.
Oberlander, Melvyn	470 Columbia Street, Brooklyn 31, N. Y.
O'Connor, John	87-12 165th Street, Jamaica, N. Y.
Oehmler, Edward	77 N. Harrison, Bellevue, Pa.
Orr, E. Jeanne	2406 Plum Street, Parkersburg, W. Va.
Orr, William	McKeesport, Pa.
Ovington, William T.	3605 Lindberg Way, Weirton, W. Va.
Pecora, Peter P.	5 Undercliff Street, Yonkers, N. Y.
Perry, William E.	Bethany, W. Va.
Petitt, Alistelle	149 S. Euclid Avenue, Westfield, N. J.
Phillips, William	12 Kentucky Street, Wheeling, W. Va.
Pietrzniak, Henry	R. F. D. 1, Wellsburg, W. Va.
Poland, Frank H.	23 Boulevard, Shelby, Ohio
Pollock, Edward W.	45-55 48th Street, Woodside, L. I., N. Y.
Porter, Dorothy	150-35 23rd Avenue, Whitestone, N. Y.
Poss, Richard	9640 S. Hamilton Avenue, Chicago, Ill.
Pratt, Helen R.	396 Woods Road, Teaneck, N. J.
Quigley, Marilyn	84-10 106th Street, Richmond Hill, N. Y.
Quortrup, Richmond	79 Long Ridge Road, Plandome, N. Y.
Ramsey, Edward	125 Fairview Avenue, Boonton, N. J.
Rankin, Gretchen	1510 Vance Avenue, Coraopolis, Pa.
Redding, Amos	516 Bloomfield Avenue, Bloomfield, Conn.
Reinhardt, Jean M.	11 Hudson Place, Weehawken, N. J.
Reith, Harold	166 Birchwood Drive, East Paterson, N. J.
Renner, John W.	1259 Oakridge Road, Cleveland Heights, Ohio
Rhodes, Nancy E.	36 Poplar Street, Doughlaston, L. I., N. Y.
Ritchey, Caryl B.	Loysburg, Pa.
Ritterband, Paul	1869 Walton Avenue, New York 53, N. Y.
Robinson, Charles	4823 Jefferson Avenue, Bellaire, Ohio
Roper, Earl N.	413 Elm Avenue, Bogota, N. J.
Rosecrans, Winona A.	120 Monroe Street, Roselle, N. J.
Ruksha, Paul W.	254 S. Fourth Street, Steubenville, Ohio

Ryan, William S.	2623 Ridgewood Road, Jacksonville 7, Fla.
Sattler, Francis W.	107 Walnut Street, Aliquippa, Pa.
Schilpp, Audrey L.	6 Winter Avenue, West View, Pa.
Schnebbe, Joan	1 Chesterfield Road, Scarsdale, N. Y.
Scholl, Jean	185 Bixley Heath, Lynbrook, N. Y.
Schramm, George	16 George Street, Wheeling, W. Va.
Schreiber, Glenn	306 S. Penn Street, Wheeling, W. Va.
Schreiver, Sally	255 Brighton Road, Bellevue, Pittsburgh, Pa.
Schupbach, Eileen	776 3rd Street, New Martinsville, W. Va.
Seywert, Roberta	117 Hillside Avenue, West Caldwell, N. J.
Shaffer, Carrollton	473 Carnegie Drive, Pittsburgh 16, Pa.
Shea, John	316 Liberty Avenue, Hillsdale, N. J.
Shorter, Peggy A.	South Salem, N. Y.
Shumar, Nick	323 27th Street, McKeesport, Pa.
Sigmann, Joan	639 Bank Street, Bridgeville, Pa.
Smith, Gloria A.	16522 Inverness Avenue, Detroit 21, Mich.
Smith, Jane	112 Craig Avenue, Freeport, N. Y.
Smith, Mary JoAnne	R. D. 2, Bridgeville, Pa.
Spieldenner, Frank	117 Sunset Lane, Tenafly, N. J.
Stein, Alexander	2971 Marion Avenue, Bronx, N. Y.
Steinbruck, Lucille	21 Forty-ninth Street, Weehawken, N. J.
Stewart, Odelle	119 Nicholas Street, Clarksburg, W. Va.
Stickel, Robert	3331 Bookman Avenue, Pittsburgh 27, Pa.
Stier, William	202 Terrace Circle, Weirton, W. Va.
Streicher, William	325 34th Street, Union City, N. J.
Taylor, Charles R.	1500 Maple Avenue, Turtle Creek, Pa.
Taylor, C. Richard	Benton, Pa.
Telfer, Dorothy	18880 Bretton Drive, Detroit 23, Mich.
Thieroff, Ruth E.	35 Pleasant Drive, Wheeling, W. Va.
Tominack, Ivan	Box 134, Windsor Heights, W. Va.
Townsend, Betty J.	759 Lebanon Avenue, Pittsburgh, Pa.
Turley, Marjorie L.	4218 Broadway, Indianapolis 5, Ind.
Ulman, Palmer R.	Springhaven Road Apartments, Wheeling, W. Va.
Ulman, Ralph, Jr.	Springhaven Road Apartments, Wheeling, W. Va.
Unterzuber, Gene L.	R. F. D. 2, Moundsville, W. Va.
Valenta, Emilie M.	7 Davis Street, Oceanside, N. Y.
Vanderwood, Paul J.	114 Brookside Avenue, Ridgewood, N. J.
Van Horn, Henry J.	55 Boulevard, Shelby, Ohio
Van Vliet, Lloyd G.	Belmar Street, Demarest, N. J.
Verwer, Johannes G.	143 Temple Street, Paterson, N. J.
Wagner, Karl	449 East 7th Avenue, Tarentum 5, Pa.
Waldron, Sara	R. R. 2, New Brunswick, N. J.
Walker, Elizabeth R.	20 Emerson Road, Wellesley Hills, Mass.
Walton, Joel B.	Kennett Square, Pa.
Ward, Nancy	261-B Hamilton Avenue, Staten Island, N. Y.
Watkins, Harold R.	235 S. Franklin Street, Wauseon, Ohio
Watkins, Stuart	562 W. High Street, Painted Post, N. Y.
Weigele, Walter	52 Lyons Place, Westwood, N. J.

Whipkey, Lester	Potomac Park, Falling Waters, W. Va.
White, Robert L.	Bethany, W. Va.
Wilson, Robert F.	1101 Main Street, Wellsburg, W. Va.
Winski, James	1915 Main Street, Wellsburg, W. Va.
Winski, Leonard	1915 Main Street, Wellsburg, W. Va.
Winters, William R.	136 Columbia Avenue, Elm Grove, W. Va.
Wolf, William F.	R. F. D. 1, Washington, Pa.
Wolfe, Fred C.	R. D. 1, St. Clairsville, Ohio
Woodyard, William	Spencer, W. Va.
Young, Marjorie	32 Laurel Avenue, Tenaflly, N. J.
Zawitz, Pauline	1517 Jacob Street, Wheeling, W. Va.
Zillweger, William	Cole and Cella Streets, Allison Park, Pa.

FRESHMEN

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Amesbury, Richard	456 Overbrook Road, Ridgewood, N. J.
Amsie, Eleanor G.	30 Carruth Street, Boston, Mass.
Amsie, William A.	30 Carruth Street, Boston, Mass.
Anderson, Marjorie E.	465 84th Street, Brooklyn 9, N. Y.
Atkins, John O.	415 Fifth Avenue, Hinton, W. Va.
Atkinson, Jean C.	R. D. 6, Butler, Pa.
Baird, Joanne	Bethany, W. Va.
Barger, Charles R.	702 Fifth Street, Moundsville, W. Va.
Barger, Mary E.	702 Fifth Street, Moundsville, W. Va.
Barnett, William A.	145 Prospect Avenue, Westwood, N. J.
Barr, Nancy J.	303 11th Street, Moundsville, W. Va.
Barron, John F.	1st Street, St. Mary's, W. Va.
Barron, Margaret	1020 Collings Avenue, W. Collingswood, N. J.
Baylor, Phyllis J.	R. 7, Louisville, Ky.
Beall, Charles H.	1451 Pleasant Avenue, Weilsburg, W. Va.
Belgrade, Joseph	9 Birch Avenue, Wheeling, W. Va.
Bernhardt, Daniel W.	729 W. LaSalle Avenue, South Bend, Ind.
Bernstein, Sherry E.	11 East Willow Street, Beacon, N. Y.
Beyer, Marion E.	170 E. Grant Avenue, Roselle Park, N. J.
Biagiotti, Aldo P.	Titicus Road, Ridgefield, Conn.
Biddle, Anne L.	Beech Bottom, W. Va.
Blair, Orin	Tuscarawas Road, Beaver, Pa.
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Bramwell, Phyllis	16225 Ohio Avenue, Detroit 21, Mich.
Bromwich, Vinny	83-11 Kent Road, Jamaica 3, L. I., N. Y.
Brown, Charles E.	501 Summit Avenue, Westville, N. J.
Brown, M. Audrey	322 Washington Street, Glen Ridge, N. J.
Brown, Rodger E.	2345 Chapline Street, Wheeling, W. Va.
Bruno, Anthony	932 Seventh Street, New Kensington, Pa.

Buchanan, Joyce	39 Linden Avenue, Metuchen, N. J.
Buckner, Jane	120 E. 39th Street, New York, N. Y.
Bucy, Ann	704 Jefferson Avenue, Moundsville, W. Va.
Bucy, Clifford	704 Jefferson Avenue, Moundsville, W. Va.
Bunda, Andrew	616 2nd Street, Versailles, Pa.
Burghard, Bruce	222 Wheatfield Street, N. Tonawanda, N. Y.
Burig, William	R. D. 2, Claysville, Pa.
Camp, Ted K.	1528 23rd Street, N. E. Canton 4, Ohio
Campbell, Jean	468 Lincoln Avenue, Bellevue, Pa.
Carbonaro, D. Edward	743 Bushwick Avenue, Brooklyn, N. Y.
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Crawford, Diana	64 Richmond Avenue, Buffalo 13, N. Y.
Crook, Alice	199 N. Lyman Street, Wadsworth, Ohio
Cullis, John F.	4511 Seiger Street, Brookhaven, Chester, Pa.
Culp, Robert	247 Grant Street, Houston, Pa.
Curtis, Paul	1815 Monroe Avenue, New York 57, N. Y.
Dally, Charles H.	912 16th Street, Aliquippa, Pa.
Daniell, Natalie	9 Hoy Terrace, Milton, Mass.
Darrah, John B.	50 Acosta Avenue, Wheeling, W. Va.
Daugherty, Harold R.	Gibson Avenue, Weirton, W. Va.
Davidson, C. Libby	700 W. 178th Street, New York 33, N. Y.
Deardorff, Ona	23 S. Euclid Avenue, Bellevue, Pa.
Deutelbaum, Betty	240 E. 264 Street, Euclid 17, Ohio
Dickinson, John S.	Highland Avenue, West Alexander, Pa.
DiPaolo, Mario	936 Clifton Street, Follansbee, W. Va.
Dreyer, Carl H.	177 Roosevelt Avenue, Westwood, N. J.
DuFour, Joan	205 Somerset Street, Bound Brook, N. J.
Dumisinez, Frank	416 Warwood Avenue, Wheeling, W. Va.
Durbin, Donovan B.	508 W. Crawford Avenue, Connellsville, Pa.
Eames, Weston W.	35 Damon Road, Medford 55, Mass.
Eposito, Frank P.	30 Lavergne Street, Belleville, N. J.
Evans, Alvin	82 S. Main Street, Doylestown, Pa.
Faulkner, Laurence	Box 157, Brilliant, Ohio
Fechtman, Barbara	161 W. Forest Avenue, West Englewood, N. J.
Feinstein, Neil	458 Jamaica Avenue, Brooklyn 8, N. Y.
Fell, William J.	Box 4, Brady Lake, Ohio
Ference, Robert C.	551 Stanford Avenue, Pittsburgh 29, Pa.
Ferguson, Charles	392 Hazel Drive, Pittsburgh, Pa.
Fifield, Donald M.	25 Adams Street, Lexington, Mass.
Filson, John E.	1152 East Second, Oil City, Pa.
Fischer, Robert R.	Park View Lane, Wheeling, W. Va.

Fisher, Donal	325 Clinton Avenue, Brooklyn, N. Y.
Fisher, James F.	214 S. Third Street, Steubenville, Ohio
Forman, Robert R.	Main Street, New Salem, Pa.
Fortunato, Stephen M.	831 Rosswell Avenue, Steubenville, Ohio
Fraim, Elizabeth A.	165 Engle Street, Tenafly, N. J.
Franzell, Stanley	1611 Market Street, Wheeling, W. Va.
Gerdes, John W.	155 Forest Avenue, Paramus, N. J.
Germon, Patricia A.	R. D. 1, Wellsburg, W. Va.
Germon, Wesley	R. D. 1, Wellsburg, W. Va.
Gonzales, Manuel	128 Eleanor Street, Langeloth, Pa.
Gordon, Roy	3525 Decatur Avenue, New York 67, N. Y.
Grove, William	R. D. 3, Johnstown, Pa.
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Hare, Robert A.	North Liberty Street, West Alexander, Pa.
Haskins, Robert	106 Valley View Avenue, Wheeling, W. Va.
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Helfer, Katharine R.	108 S. Rolling Road, Baltimore, Md.
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Holder, Bonnie	R. D. 1 New Martinsville, W. Va.
Huchette, Paul V.	107 Boulevard Street, Point Marion, Pa.
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Johnston, Jeanne	5014 Jefferson Street, Bellaire, Ohio
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Jones, Raymond E.	416 Hawkins Avenue, Pittsburgh, Pa.
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Jorgensen, Evelyn	610 Gregory Avenue, Weehawken, N. J.
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Lamborn, Robert	807 Bellaire Avenue, Pittsburgh, Pa.
Landgrebe, Claire R.	1857 Burnette Avenue, E. Cleveland, Ohio
Lansill, Frederick F.	52 Orchard Terrace, Orchard Park, N. Y.
Larson, Robert W.	1405 Fremont Street, McKeesport, Pa.
LaWare, Margaret	145 Croton Avenue, Mount Kisco, N. Y.
Lawton, John S.	26 Draper Street, Lowell, Mass.
Lee, D. William	2107 Commerce Street, Wellsburg, W. Va.
Lehrer, Daniel	17 James Street, Brookline, Mass.
Leigh, William R.	929 Indiana Avenue, Monaca, Pa.
Levy, Gerald V.	2 Reid Street, Long Branch, N. J.
Loerch, Eleanor	3535 Gerber Avenue, Pittsburgh, Pa.
Lowe, Charles	R. F. D. 1, Bethany, W. Va.
Madden, Anne B.	519 Ridgewood Avenue, Glen Ridge, N. J.
Maruca, Anthony	70 Lemon Street, Uniontown, Pa.
Maskrey, Sarah L.	138 Elm Street, Wheeling, W. Va.
Medcalf, David	Y.M.C.A., Waycross, Georgia
Melecio, Cesar	Box 1742 Monati, Puerto Rico
Mellen, Ralph F.	28 Webster Street Brookline, Mass.
Millang, Audrey J.	532 Churchill Road, W. Englewood, N. J.
Miller, Leonard	65 E. 55th Street, New York, N. Y.
Millett, Joan	173 E. Webster Avenue, Roselle Park, N. J.
Mirasola, Maryellen	601 Commerce Street, Wellsburg, W. Va.
Montiegel, Dorothy	2419 Hess Avenue, Wheeling, W. Va.
Myers, Marylou	5575 Hampton Court, Pittsburgh 6, Pa.
MacDonald, John	663 Ramapo Road, Teaneck, N. J.
McCord, Washington C.	R. F. D. 2, Wellsburg, W. Va.
McGavran, Malcolm H.	35 Briar Road, Muncie, Ind.
McKee, Lois	76 Cottage Place, Mineola, N. Y.
McKenzie, Carol J.	135 Rowe Terrace, Auburndale, Mass.
McKinney, M. Ann	Bethany, W. Va.
McMullen, J. Park	10th and Franklin Avenue, Wellsburg, W. Va.
Nast, Robert W.	85 Erledon Road, Tenaflly, N. J.
Naylor, Mary Lou	143 Derby Street, Johnstown, Pa.
Newcomb, Donald	10 Glynn Terrace, Quincy 69, Mass.
Nicholas, George E.	2513 Warwood Avenue, Wheeling, W. Va.
Oberman, John D.	4935 Jefferson Street, Bellaire, Ohio
O'Connell, Barbara M.	1321 Morrison Street, Madison, Wis.
Oliver, Robert	24446 Lake Road, Bay Village, Ohio
Orlowski, Arthur	869 Fourth Avenue, New Kensington, Pa.
Osborne, William F.	R. F. D. 2, Gibsonia, Pa.
Patterson, Albert	1405 Charles Street, Wellsburg, W. Va.
Patton, Pauline	173 West Main Street, Shelby, Ohio
Petrnun, Eli	Box 12, Fairbanks, Pa.

Plato, William	R. R. 1, Fort Erie, Ontario, Can.
Pound, Donald	328 West Rankin Street, Flint, Mich.
Racho, Ilene	28211 Michigan Avenue, Inkster, Mich.
Raney, Dana A.	320 Sand Ridge Road, Bowling Green, Ohio
Ray, John G.	328 Whitely Street, Bridgeport, Ohio
Regney, Robert M.	1153 Bechtel Street, Monaca, Pa.
Rendel, Donna L.	200 Longue Vue Drive, Pittsburgh 16, Pa.
Rhodes, Paul H.	4013 Terrace Street, Weirton, W. Va.
Richmond, Roland W.	406 Chestnut Street, Nutley 10, N. J.
Rogers, Richard E.	507 19th Street, Altoona, Pa.
Romano, Helen E.	356 Lincoln Avenue, Mingo Junction, Ohio
Roth, William S.	3753 West 134th Street, Cleveland, Ohio
Runco, Gabriel	901 Broadway, McKees Rock, Pa.
Sala, Marilyn	Box 1571, Beckley, W. Va.
Sandwen, Arthur H.	238 Middle Street, E. Weymouth, Mass.
Sarakon, Daniel	437 1st Avenue, Sagamore, Pa.
Saxton, Patricia A.	409 Arden Road, Pittsburgh, Pa.
Schabot, Jeanne M.	128 West Roberts, Hazel Park, Mich.
Scheller, Jean A.	416 E. Francis Avenue, Connellsville, Pa.
Scolnick, Lewis, Jr.	1204 Vine Street Connellsville, Pa.
Scott, Barbara E.	230 Nowell Road, Bangor, Maine
Seiler, Jane L.	105 Tunbridge Road, Baltimore, Md.
Sellinger, Norma	7 West 83rd Street, New York 24, N. Y.
Sheldon, A. Louise	405 E. Cedar Street, Poughkeepsie, N. Y.
Shillinger, Leslie	708 Washington Drive, Pittsburgh 29, Pa.
Sidney, Marjorie A.	127 Rockland Street, Higham, Mass.
Simon, Patricia J.	52 Seventh Avenue, Westwood, N. J.
Slavin, Richard H.	433 State Street, Baden, Pa.
Smith, James F.	111 E. Walnut Avenue, Altoona, Pa.
Smith, Ralph	Bethany, W. Va.
Snider, William H.	134 Elm Street, Wheeling, W. Va.
Stedry, Carolyn P.	1005 Jerome Avenue, New York 52, N. Y.
Steel, Robert N.	1754 Nostrand Avenue, Brooklyn 26, N. Y.
Steinbrunn, Richard L.	1520 Broadview Boulevard, Brackenbridge, Pa.
Stepanian, George	332 48th Street, Union City, N. J.
Stone, Patricia	712 Grove Street, Haddonfield, N. J.
Straitiff, Richard F.	67 Duncan Avenue, Pittsburgh 5, Pa.
Straw, William J.	181 Grant Avenue, Bellevue, Pa.
Striebich, Robert R.	4 Damion Road, Edgewood, Wheeling, W. Va.
Strong, Robert H.	104 Murray Avenue, Goshen, N. Y.
Stubbs, Paul	Box 152, Allison Park, Pa.
Summers, Nancy L.	849 Madison Avenue, Huntington 4, W. Va.
Swordlove, Arthur	114-80 Sanford Avenue, Flushing, N. Y.
Switzer, Robert E.	8 Thornton Avenue, Buffalo 15, N. Y.
Sydnor, John T.	Elmwood Place, Wheeling, W. Va.
Taylor, Jane L.	Park Place, Chester, W. Va.
Thieroff, Sue A.	35 Pleasant Drive, Wheeling, W. Va.

Thomas, Curtis J.	238 Birch Avenue, Pittsburgh, Pa.
Thomas, David	503 Hughes Street, Bellmore, N. Y.
Townsend, Jean	63 N. Jackson Avenue, Pittsburgh 2, Pa.
Tusack, Bernard	109 W. Miller Avenue, Homestead Park, Pa.
Van Sickel, Robert E.	Ursina, Pa.
Varlas, Mike	208 Birch Street, Moundsville, W. Va.
Verez, Julius	128 Eleanor Street, Langeloth, Pa.
Wagner, Marjorie	16 Tusea Glen, Beaver, Pa.
Weeks, Emyrus	669 Lexington Road, Union, N. J.
Weikal, David	Mercer Street, Clark, Pa.
Werner, William D.	24 S. Sprague Avenue, Bellevue, Pa.
Weser, Carolyn	R. D. 1, Wellsburg, W. Va.
Whitson, Constance	5525 S. Martindale, Detroit 4, Mich.
Wicha, Renee	1212 Newkirk Avenue, Brooklyn, N. Y.
Wiggin, Neil C.	529 Essex Street, Lynn, Mass.
Wilkin, Ann	1453 Main Street, Wellsburg, W. Va.
Wilkins, Dudley	59 S. Woodland Avenue, Woodbury, N. J.
Williams, Roberta	706 W. Third Street, Niles, Ohio
Williams, William C.	135 N. 21st Street, Wheeling, W. Va.
Willis, Harold L.	108½ N. McLewean Street, Kinston, N. C.
Wilson, Stanley F.	539 Alexander Street, Greensburg, Pa.
Wrublewski, Henry C.	70 Park Avenue, Naugatuck, Conn.
Wunderlich, Donald	3339 Bookman Avenue, Pittsburgh 27, Pa.
Young, Wyatt	R. D. 2, Turtle Creek, Pa.
Zumpe, Laura	1403 Meadow Street, McKeesport, Pa.

UNCLASSIFIED STUDENTS

Baird, Kathryn	Bethany, W. Va.
Baldwin, Lee F.	Bethany, W. Va.
Brown, Joan	Bethany, W. Va.
Donics, Frank	964 Davis Avenue, Pittsburgh, Pa.
Duff, James A.	Virginia Hills, Bridgeport, Ohio
Lauko, Vladimir	Piestany, Rooseweltova 96, Czech.
Markley, Shirley	Bethany, W. Va.
Monpeurt, Simon	82 Avenue Phillipe, Auguste, Paris 11, France
McGuffie, Helen L.	Washington, Pa.
Norton, Dorothy	10626 S. Oakley Avenue, Chicago, Ill.
Richardson, Fern H.	Bethany, W. Va.
Riedel, Robert	3541 Eoff Street, Wheeling, W. Va.
Ritter, Jean	62 Grove Place, East Orange, N. J.
Rushworth, Marjorie	Bethany, W. Va.
Sumpstine, Patricia	Bethany, W. Va.
White, Eric	Edinburg, Scotland
Woolery, Ann	Bethany, W. Va.
Woolery, Margaret	Bethany, W. Va.

ENROLLMENT BY CLASSES

	<i>Men</i>	<i>Women</i>	<i>Total</i>
Senior -----	73	49	122
Junior -----	86	64	150
Sophomore -----	211	87	298
Freshman -----	150	97	247
Unclassified -----	6	12	18
 Total -----	 526	 309	 835

ENROLLMENT BY STATES AND FOREIGN COUNTRIES

California -----	2
Canada -----	3
Canal Zone -----	1
Connecticut -----	11
Czechoslovakia -----	1
Delaware -----	1
Florida -----	2
France -----	1
Georgia -----	1
Hawaii -----	1
Illinois -----	3
Indiana -----	5
Kentucky -----	1
Maryland -----	3
Maine -----	1
Massachusetts -----	29
Michigan -----	15
Mississippi -----	1
Missouri -----	1
Nebraska -----	1
New Jersey -----	114
New York -----	142
North Carolina -----	2
Ohio -----	70
Pennsylvania -----	200
Puerto Rico -----	1
Rhode Island -----	1
Scotland -----	1
Tennessee -----	1
Virginia -----	3
Washington -----	1
West Virginia -----	204
Wisconsin -----	1
 Total -----	 835

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DIRECTORY FOR CORRESPONDENCE

Accounts and Finance:

N. W. Evans
Bursar
Bethany College
Bethany, West Virginia

Telephone: Bethany 2141

Admission to the College:

J. Gerald Patterson
Director of Admissions
Bethany College
Bethany, West Virginia

Telephone: Bethany 2172

Curriculum and Instruction:

B. R. Weimer
Dean of the Faculty
Bethany College
Bethany, West Virginia

Telephone: Bethany 2151

Student Personnel Administration:

Forrest H. Kirkpatrick
Dean of Students
Bethany College
Bethany, West Virginia

Telephone: Bethany 2131

Student Records and Transcripts:

Elizabeth Belt
Registrar
Bethany College
Bethany, West Virginia

Telephone: Bethany 2131

Office Hours: 10 to 12 A. M.
From Monday through Saturday

BEQUESTS

Gifts to the college may take the form of lectureships, of scholarships, of professorships, of additions to the material equipment, or of contributions to the permanent endowment fund or the current expense fund of the college. Special conditions may, of course, be attached to any gift. Forms of bequests are suggested as follows:

A. UNRESTRICTED BEQUEST

I give, devise, and bequeath to the Trustees of the Bethany College, a corporation established by law at Bethany in the Commonwealth of West Virginia, the sum of _____dollars, to be applied to the general uses and purposes of the said institution.

B. UNRESTRICTED BEQUEST MAKING THE COLLEGE RESIDUARY LEGATEE

All the rest, residue, and remainder of any estate, real and personal, I devise and bequeath to the Trustees of the Bethany College, a corporation established by law at Bethany in the Commonwealth of West Virginia, to be applied to the general uses and purposes of the said institution.

C. BEQUEST FOR ENDOWMENT

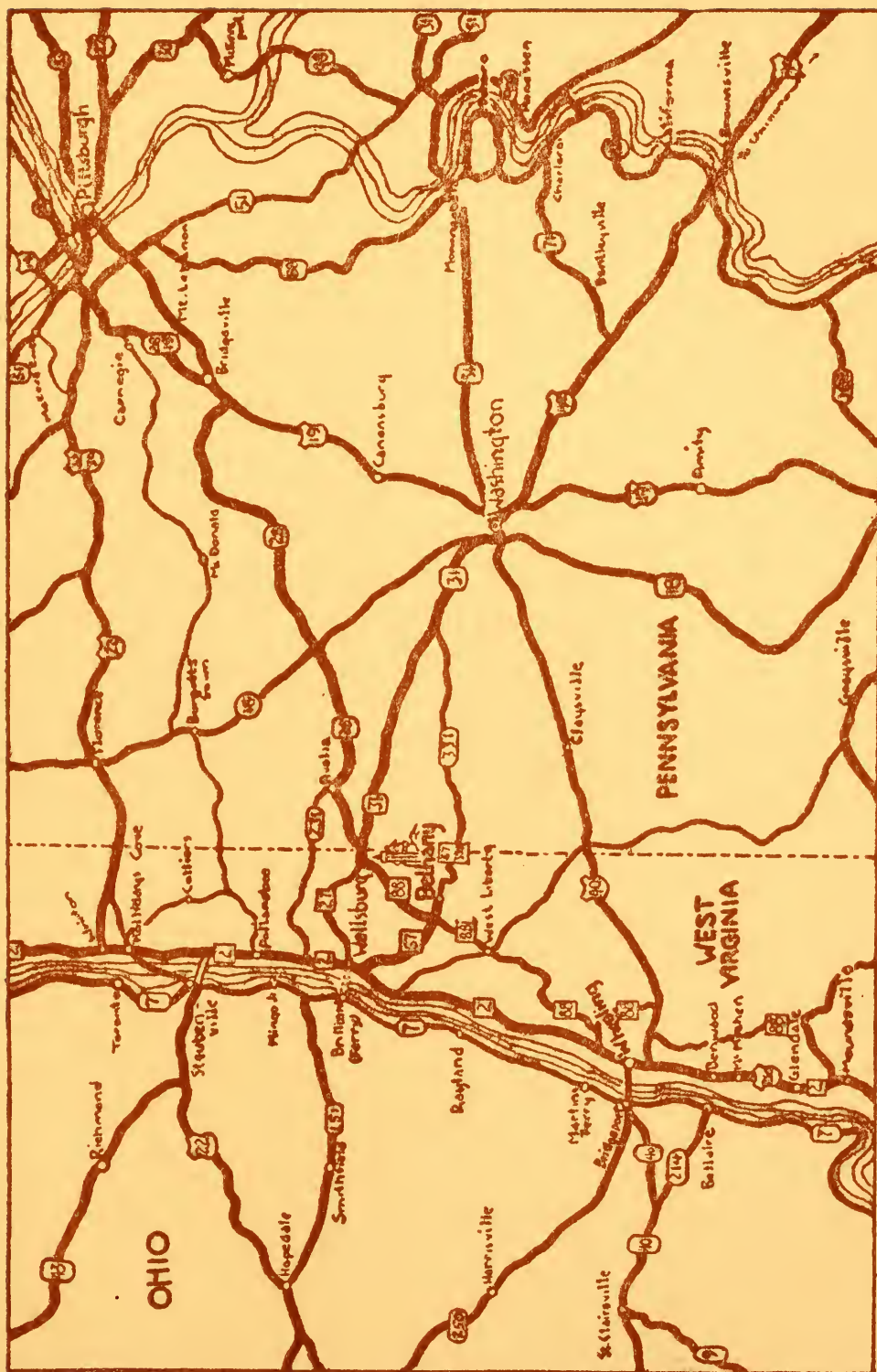
I give, devise, and bequeath to the Trustees of the Bethany College, a corporation established by law at Bethany in the Commonwealth of West Virginia, the sum of _____dollars to be invested and preserved inviolably for the endowment of Bethany College.

BETHANY COLLEGE is a privately governed college of the liberal arts and sciences. It is dedicated to high scholarship and Christian character. It derives its income from endowments, the gifts of its friends, and from student fees. It is not a tax-supported institution.

Opportunities in great variety confront those who would like to associate themselves with the good work of this college. There is need for large additions to the unrestricted endowment, for scholarships, for lectureships, and for endowed professorships. There is need for additional dormitories for men and women.

W. H. CRAMBLET, *President*

April 1948



BETHANY COLLEGE BULLETIN

CATALOGUE NUMBER

BETHANY

WEST VIRGINIA

APRIL 1949

CORRESPONDENCE

To avoid delay, correspondence should be addressed as indicated below:

Admissions

For everything concerned with the admission of students, including requests for the college catalogue and other publications, and information about rooms, tuition and other fees,
address The Director of Admission

Matters of General College Interest and Development

address The President

Concerning academic credits and student personnel matters

address The Dean of Students

Concerning curriculum, instruction or faculty

address The Dean of the Faculty

Concerning student accounts, deferred payments, purchases

address The Business Manager

Alumni Activities

address The Alumni Secretary

BETHANY COLLEGE BULLETIN

Vol. XLII

April, 1949

No. 4

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Published every month except July and August by Bethany College, Bethany, W. Va.

CATALOGUE

1949 - 1950

ANNOUNCEMENTS

for

1949-1950

CHARTERED IN 1840 BY THE STATE OF VIRGINIA

Bethany College is on the approved list of colleges of the Association of American Universities and is accredited by the North Central Association of Colleges and Secondary Schools as a degree-granting institution.

Bethany College is a member in good standing of the Association of American Colleges and the American Council on Education. Bethany College is affiliated with the Board of Higher Education of the Disciples of Christ.

Bethany College is recognized by various state departments of education as an institution for the training of teachers. Women graduates of Bethany College are eligible to membership in the American Association of University Women.



THE TOWER OF OLD MAIN



COMMENCEMENT HALL

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SEPTEMBER 1949

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JANUARY 1950

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FEBRUARY 1950

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AUGUST 1950

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COLLEGE CALENDAR

First Semester

1949

- September 18 to 22, Sunday to Thursday—Freshman Week.
September 21, Wednesday—Registration Day—Sophomores, Juniors and Seniors.
September 22, Thursday—Registration Day—Freshmen.
September 22, Thursday—8:00 A. M., Classes begin for Sophomores, Juniors and Seniors.
September 23, Friday—8:00 A. M., Classes begin for Freshmen.
October 15, Saturday—Fall Homecoming for Alumni and Former Students.
November 18, Friday—Mid-semester grades are called.
November 23, Wednesday—4:00 P. M., Thanksgiving recess begins.
November 25, Friday—8:00 A. M., Thanksgiving recess ends.
December 3, Saturday—Modern Language Reading Test.
December 12, Monday—Elections to Recognition Societies.
December 17, Saturday—Advance Enrollment for second semester to be completed.
December 17, Saturday—12:00 N., Christmas recess begins.

1950

- January 3, Tuesday—8:00 A. M., Christmas recess ends.
January 23 to 28, Monday to Saturday—Final Examinations for first semester.

Second Semester

- February 2, Thursday—Registration Day for second semester.
February 3, Friday—8:00 A. M., Classes begin for all students.
March 31, Friday—Mid-semester grades are called.
April 6, Thursday—12:00 N., Easter recess begins.
April 17, Monday—8:00 A. M., Easter recess ends.
April 29, Saturday—Modern Language Reading Test.
May 6, Saturday—Payment of Advance Enrollment Fee due.
May 8, Monday—Reading period begins for Seniors.
May 13, Saturday—Advance Enrollment for first semester of next academic year to be completed.
May 18, Thursday—Comprehensive Examination for Seniors—Written part.
May 19-20, Friday and Saturday—Graduate Record Examination for Seniors.
May 22, Monday—Elections to Recognition Societies.
May 22, Monday—Seniors resume classes.
May 31 to June 3, Wednesday to Saturday—Comprehensive Examination for Seniors—Oral part.
June 3 to June 9, Saturday to Friday—Final Examinations for second semester.
June 10, Saturday—Alumni Day.
June 11, Sunday—109th Annual Commencement.

OFFICERS OF ADMINISTRATION

WILBUR HAVERFIELD CRAMBLET.....	<i>President of the College</i>
BERNAL ROBINSON WEIMER.....	<i>Dean of the Faculty</i>
FORREST HUNTER KIRKPATRICK.....	<i>Dean of Students</i>
JOHN GERALD PATTERSON.....	<i>Director of Admissions and Alumni Secretary</i>
CARROLL B. FITCH.....	<i>Business Manager</i>
NEWTON WALLACE EVANS.....	<i>Bursar</i>
EDGAR HUGH BEHYMER.....	<i>Librarian</i>

PART I
BETHANY COLLEGE
AND ITS FACILITIES

BETHANY COLLEGE AND ITS FACILITIES

Historical Background

Bethany College, one of the oldest institutions of higher learning west of the Allegheny Mountains, had as its forerunner the Buffalo Seminary, inaugurated at Bethany, Virginia, in the year 1818 in the home of Alexander Campbell.

At its inception, Bethany College represented one stage of a sweeping plan for the complete education of the individual, which Mr. Campbell had developed as a result of his experience in traveling and in reflections upon the social and moral conditions he encountered. Convinced that the formation of moral character should be the chief goal in education, and perceiving the deficiency of trained teachers and preachers, he decided to devote his own prodigious learning to such training as a college would afford.

As a result of his continuing efforts, the college charter was granted by the State of Virginia on March 2, 1840, and in October of the following year the first students arrived to take up their studies.

From the outset the founder and faculty envisioned a college for the training of leadership in business and the professions as well as the church. The early faculty established a stirring tradition of liberal scholarship and standards of excellence.

Though vastly changed in the more than a century since the college founding, the present campus and environs retain a great many features of genuine historical interest.

Near the campus is located the home of the founder, now known as the Campbell Mansion. It is visited each year by many hundreds of people from every corner of the United States.

On the main campus stands The Heights, erected in 1841 as the home of W. K. Pendleton, a member of the first faculty and second president of the college.

The college is situated in the northern panhandle of West Virginia, seven miles southeast of Wellsburg, fifteen miles north of Wheeling, and forty-five miles southwest of Pittsburgh, Pa.

Campus and Buildings

The college campus, consisting of about fifty acres, is located on a hilltop overlooking the Buffalo Creek.

The Main College Building, built in 1858 to replace the original college building destroyed by fire the previous year, stands in the center of the upper campus flanked on either side by Commencement Hall and Oglebay Hall. These three buildings, though completed at different times, were planned as a harmonizing unit and present a total picture of distinctive beauty.

Commencement Hall, constructed in 1872, provides the setting for student convocations, Commencement exercises, concerts, and other appropriate events. A pipe organ is included in the facilities of the auditorium. Studios and practice rooms of the Department of Music are located on the lower floor of this building.

Oglebay Hall, donated to the college by the late Earl W. Oglebay, of the Class of 1869, accommodates the Departments of Chemistry and Biology, research laboratories, and administrative offices.

The Carnegie Library, now containing approximately 45,000 volumes of carefully selected books and periodicals, is located on the upper campus near the major instructional buildings.

Dormitory Facilities

Phillips Hall is the central building for women students. In addition to dormitory accommodations, it contains a large dining hall, drawing room, loggias, guest rooms, and administrative offices. Other dormitory accommodations for upperclass women are provided by Gateway Hall and by four national sororities.

Men of the college are accommodated as freshmen in the Percy B. Cochran Hall, built as a memorial by the late M. M. Cochran of the class of 1875 to his son, Percy B. Cochran of the Class of 1900. Additional accommodations for upperclass men are provided by Point Breeze Hall, seven supplementary housing units, and five national fraternities.

Dining facilities for men are provided in the Bethany House, the large student union building, completed in 1948 on the lower campus.

The Rine Recreation Fields, a memorial to the late Edwin M. Rine, friend and benefactor of the college, is the site for the new Alumni Field House serving as the center of men's physical education activities. The Rine Fields include areas for baseball, soccer, football, track and field and also a separate athletic field for the use of the college women.

Irvin Gymnasium, built by the Irvin family of Big Run, Pennsylvania, serves as the center of women's physical education. It is adjoined by the women's athletic field, tennis courts and volley ball courts. A swimming pool is located in Irvin Gymnasium.

Laboratories

The biology laboratories and seminar room, located in Oglebay Hall, provide instructional equipment for courses in general biology, plant morphology and physiology, bacteriology, comparative anatomy, embryology and histology. Special laboratories and facilities are available for advanced students conducting independent studies.

Laboratories of the Department of Chemistry occupy the second and third floors of Oglebay Hall. They consist of a general laboratory, an analytical laboratory, and a laboratory for organic and physical chemistry. There are also two minor research laboratories, a spectroscopic laboratory, balance rooms, chemical storerooms, and a small machine shop included. Special laboratories and facilities are available for advanced students conducting independent research.

The laboratories in the Department of Physics are on the first floor of the Main Building. Equipment for elementary and advanced courses is available. The college also possesses apparatus for work in the fields of magnetism, radio, electronics, cosmic rays and astronomy.

The laboratory of the Department of Psychology is located in the Main Building, adjoining the psychology lecture rooms. Equipment is available for work in experimental psychology, mental measurements, and some phases of applied psychology.

The studios and practice rooms of the Department of Music include modern sound equipment in addition to pianos and a two-manual Teller-Kent pipe organ. Another pipe organ is available to students of music in the Bethany Memorial Church.

Radio Station WWBN, operated as a long wave station on the principle of carrier-current, provides a campus laboratory for courses of study related to the operation and maintenance of a radio station.

Miscellaneous

A semi-permanent building was recently acquired from the federal government to provide additional faculty offices. This building is located on the main campus.

The College Infirmary occupies a separate building on the lower campus and includes the doctor's office, treatment room, medicine room, nurse's quarters, and small wards for men and women.

All buildings on the main campus are heated by the Cochran Central Heating Plant.

The college is surrounded by about 1,000 acres of farm and timber land, including the original Alexander Campbell farm, the Parkinson farm and oaks, and the Point Breeze estate. A nature trail for student recreation and a cross-country course are included in the college properties.

Endowments

The College recognizes with appreciation the gifts of funds which not only provide in perpetuity lasting memorials for individuals and families but also make possible the program of the private college of quality.

The book value of the endowments of Bethany College as of June 30, 1948, was \$3,070,915.00.

Included in these funds are the *M. M. Cochran General Endowment of 1921* valued at \$500,000 and the *M. M. Cochran General Endowment of 1923* valued at \$300,000. In collaboration with the Men and Millions Movement of the Disciples of Christ, Mr. Cochran also began an endowment of the President's Chair at Bethany College which subsequently totaled \$100,000.

The *M. M. Cochran Trusts* are three special funds set up subject to certain remainder interests, the balance of the income to be used for general purposes of the college. Certain life interests being satisfied, these trust funds are to become a part of the M. M. Cochran general endowments. The value of these trusts is \$1,099,354.00.

The *Hon. Thomas W. Phillips, Sr.*, of New Castle, Pennsylvania, has given \$30,000 to endow a chair known as the *Thomas W. Phillips Bible Chair*.

Mrs. Sarah B. Cochran, of Dawson, Pennsylvania, has contributed \$25,000 toward the endowment of a chair to be known as the *Sarah B. Cochran Chair of Philosophy*.

Through the interest and generosity of many Bible schools, churches and individuals a fund of \$25,000 has been given to the college for the endowment of the *Moninger Memorial Chair of Bible School Pedagogy*. Herbert Moninger was a graduate of the Class of 1898.

The late *Senator George T. Oliver* of the Class of 1868 gave \$50,000 to the permanent endowment to be used for the endowment of the *George T. Oliver Chair of History*.

In connection with the Men and Millions Movement of the Disciples of Christ, *R. A. Long* of Kansas City, Missouri, gave \$50,000 to the endowment fund of the college. This amount is designated as endowment for the *Chair of Mathematics*.

The *Hon. T. W. Phillips, Jr.*, of Butler, Pennsylvania, has donated \$55,000 to the general endowment fund of the college to be known as the *T. W. Phillips, Jr., Endowment Fund*.

The late *E. M. Rine*, of Montclair, New Jersey, bequeathed to the college a large share of his estate. Monies from this estate are placed in the *E. M. Rine Trust Fund* as they are received and are disbursed in accordance with the action of the Board of Trustees. The Rine Recreational Fields and the Point Breeze estate including Point Breeze Hall for Men and the area being developed for faculty housing are included in the properties acquired by the Rine Trust Fund.

The *Anna Ruth Bourne Fund* was established at the death of the beloved professor who had served for many years as head of the Department of English by a bequest to the college of her library and the sum of \$12,000 as a gift to the endowment funds of the college. The income from this fund is to be used to purchase books and supplies for the Department of English.

Upon the death of *Emma Louise Helwig*, a resident of Wheeling, West Virginia, in 1933, the college came into possession of funds totalling more than \$32,000 by the terms of Miss Helwig's will. This money was bequeathed to the college without reservation, and by action of the Trustees was temporarily designated as Endowment.

Special Funds

As an incentive to scientific research by both graduates and undergraduates of Bethany College, the *Gans Fund* was established by Wickliffe Campbell Gans, of the Class of 1870, and his brother Emmett W. Gans, in memory of their father and mother, *Dr. Daniel L. Gans and Margaret Gordon Gans*. The fund has a value of \$50,000 income from which is available to upper division students and graduates of Bethany College.

The college has also been the recipient of considerable money established as special funds to assist young men and women who are studying for the Christian Ministry. Included among these are the *J. T. Smith Fund* of \$17,216, *Minnie W. Schaefer Fund* of \$8,000 and the *Josiah N. Wilson Fund* of \$2,567.03.

By the will of *Clarinda Pendleton Lamar*, the sum of \$20,000 was bequeathed to the college to establish the *William Kimbrough Pendleton Scholarship Fund* in memory of her father. The income from this fund is awarded to students from West Virginia under such conditions as the faculty may prescribe.

The *John H. and Ida H. King Trust Fund* was established by the will of Ida H. King—"rendering financial assistance . . . to worthy young students . . . upon such terms . . . as the trustees . . . deem advisable." The present value of this fund is \$8,000.

Currently included in endowment funds are \$66,000 received from the Men and Millions Movement of the Disciples of Christ and designated for general purposes of the college.

PART II

THE BETHANY PROGRAM



CARNEGIE LIBRARY



OGLEBAY HALL

THE BETHANY PROGRAM

Bethany is essentially a liberal arts college that encourages each student to plan his educational program so that it will serve as the basis for a worthwhile career. Its program, the result of constant analysis by the faculty, is designed to meet the purposes of the college.

The continuing purpose of Bethany College is to assist its students in their preparation for intelligent and creative participation in contemporary living, and to maintain in its faculty and student body standards of excellence in scholarship, culture, and conduct.

The particular aims of the college are:

- (1) To impart basic knowledge and to develop those habits, skills, and attitudes that contribute to the most effective personal and group living.
- (2) To establish sound habits of study and critical thought by investigation, experimentation, reading and discussion.
- (3) To provide opportunity for the development of health, physical fitness, good taste, poise, and courtesy.
- (4) To promote broad knowledge of and love for the United States of America through a deeper understanding of her achievements, hopes, and capacities, to stimulate appreciation for the institutions and cultural contributions of mankind, and to arouse a fellow-feeling for all nations and races.
- (5) To develop appreciation for great literature, and to encourage self-expression in speaking, writing, and the fine arts.
- (6) To enable the student to concentrate in an area of interest leading toward a vocation or specialization in one particular field.
- (7) To provide higher education in an atmosphere of Christian ideals and Christian faith and to develop the moral character and religious life of its students.

In meeting these purposes the dominant tone in the instructional activities at Bethany College is an emphasis upon the common adventure of students and instructors in learning and living. The college experience is interwoven with opportunities for exchanging ideas, for giving and absorbing inspiration, and for all kinds of cordial faculty-student relation-

ships. The instructional and guidance plan of the college makes it possible to work with students as individuals and to make allowances for differences in experience, attitudes and interests.

Student Guidance

From the beginning of his college career each student has a faculty counselor. After the freshman year the counselor is normally a faculty member whose special academic interests resemble those of the student. The student has unusual opportunities to be in frequent contact with his counselor, and reports of accomplishment and difficulties can be made directly to him.

The student-counselor relationship, concerned with the student's entire personal and educational development, occupies a significant place in the college plan. So far as possible it replaces detailed faculty regulations with an individualized program aiming at continuity and personal attention. These counselors, while ministering to all the needs of the student, have as their most important function the interpretation and presentation of valid educational objectives.

The counselor is concerned with the student's selection of courses, his academic progress, standards of conduct, vocational plans and objectives, and recreational and social expression.

The chief officer in charge of student guidance, student welfare, and the coordination of all student personnel administration is the Dean of Students. Members of his staff are available for help in career guidance, social adjustments, financial problems, plans for graduate or professional study, or personnel analysis.

Instructional Divisions

The college curriculum and general plan of instruction recognize a lower division and an upper division; the former represents the freshman and sophomore years, and the latter the junior and senior years. The work in the lower division completes what is usually called a "general education," and it represents the undergirding of the student's cultural and academic experience. It assumes that the student should become familiar with different fields of knowledge and that the program of general education offered in higher institutions should be essentially a continuation of the program of general education undertaken in the secondary school.

In the first two years it is expected that the student will discover the area of human achievement in which he possesses a marked and sustained interest and ability. During these two years, there are frequent conferences between the student and his counselor on the progress in courses, projects of study undertaken and total adjustment in academic, vocational and social matters.

The student usually completes the prescribed courses for graduation in the lower division.

A general survey examination is given at the end of the lower division work. Results of these examinations are used for educational guidance.

In the upper division students work under the professor in charge of the major subject. The teaching procedures and materials give emphasis to individual initiative and concentrated work. As far as possible the student's work is library and laboratory centered. Extensive reading, problems, and seminars are regular procedures in upper division instruction. The development of an ability to form thoughtful judgments and evaluations, the "attitude of the searcher," and sustained intellectual interests, are a part of the instructional aims at this level.

Students are expected to select their major and minor work in departments that offer adequate courses, and in the upper division a large part of the student's program will center about this department and its allied fields. The major may be confined to the work of a single department, or related departments may offer "functional majors" embracing work in two or more departments, if the work is planned and administered as a unit.

Graduation Requirements

Students are admitted to Bethany College as matriculants for the degree of either Bachelor of Arts or Bachelor of Science.

Candidates for either degree are required to complete a total of 126 semester hours of academic work. Of the total, forty semester hours must be in courses in the upper division. A minimum of 252 quality points must also be earned. In computing quality points the following values are used: $A = 4$, $B = 3$, $C = 2$, $D = 1$ quality points for each semester hour. (The grading system is covered in detail in the section of this catalogue entitled "General Information.") Eighty quality points must be earned in upper division courses.

Only twelve hours in applied music and/or art can be used toward meeting the requirement.

Candidates for graduation are required to complete a full year course in several of the major departments of the college. Such courses have been designated by the faculty as representing an "introduction to general education."

The following specific course requirements must be met by all candidates for the baccalaureate degree:

6 semester hours in English composition or literature

6 semester hours in one of the following:

Biology, Chemistry, Mathematics, Physics, or Physical Science

6 semester hours in Biblical Literature, i. e., courses in
Old and/or New Testament

6 semester hours in one of the following:

History, Political Science, Economics, or Sociology

6 semester hours in one of the following:

Psychology, Philosophy, or Education

6 semester hours in Physical Education, i. e., two hours in
personal hygiene and four hours in activities courses

Foreign language requirement:

A reading knowledge is required in one of the foreign languages offered at the college or approved by the Committee on Admissions and Classifications. This requirement may be satisfied by the completion of the second year course in the language at the college level; or by written and oral examination given under the direction of the Department of Modern Languages or the Department of Classics.

All students who have completed a term of service in the Army, Navy, or Marine Corps of the United States, and who can present an honorable discharge as evidence of such service, will not be required to take courses in Physical Education. This means that the specific requirement in Physical Education is waived, but no credit is granted.

Candidates for the Bachelor of Science degree must present at least forty semester hours from courses taken in Biology, Chemistry, Mathematics or Physics. Of these forty semester hours, at least twenty-five must be in the upper division.

Requirements for Major

The department in which a student elects to major shall determine specific requirements for the student, not only of work to be done in the major department, but courses to be completed in other departments to buttress the major. The general outline of the requirements for each

major is listed in the section of this bulletin that carries Course Offerings. With the approval of the Dean of Faculty, certain modifications can be made to meet the needs of the individual student.

It is expected that no major will include less than 24 semester hours and that at least 12 semester hours in the major field must be completed in the courses in the upper division. At least 48 quality points must be earned in the major department. These represent the minimum for the college. The department offering the major may require more than this minimum. In all cases, it is expected that the student will complete a large part of his major work in the junior and senior years.

The major is usually confined to work in a single department, but related departments may offer "area majors" embracing work in two or three departments, if the work is planned and administered as "an integrated unit." At the beginning of course work in the upper division, such a major must be approved by the Dean of the Faculty.

In addition to the major, each student must elect a minor subject. The professor in charge of the major subject should approve the minor selected. In most cases it should have some relationship to the major. At least 18 semester hours must be completed in the minor. A minimum of 36 quality points is required in the minor.

Comprehensive Examination

A comprehensive examination, both written and oral, is required of each candidate for a degree at Bethany College. This examination is given under the direction of the professor in charge of the major subject with the assistance of a faculty committee appointed by the Dean of the Faculty. It is intended to cover the total range of material and accomplishment for an undergraduate major. A student failing in the comprehensive examination shall be considered as failing to meet the requirements for graduation and shall not be graduated.

Seniors who pass the comprehensive examination with high credit shall be awarded their degrees "with distinction" in the major subject. The only other grades given are "passed" and "failed."

Beginning with the Class of 1950, all graduating seniors will be required to take a combination of the Graduate Record Examination and the Senior Comprehensive Examination in the major field. These will be preceded by a reading period in the major field, the reading period and examination period combined occupying two weeks.

As further preparation for the comprehensive examination, each department of study offers a seminar or similar course in the senior year to assist the student in the work of synthesizing the material of the major subjects.

Student's Schedule

A student ordinarily carries fifteen or sixteen credit hours of academic work each semester, but it is possible for a student to carry additional credit hours with the permission of his faculty counselor. It is ordinarily expected that no student will carry more than nineteen credit hours in any one semester.

Courses should not be changed or dropped except within the first week at the start of any one semester. In special cases a change can be made in courses or schedule with the consent of the instructors concerned, the student's counselor, and either the Dean of the Faculty or the Dean of Students. After the first week it is possible for a student to drop a course only if the counselor and the Deans feel that the best interests of the student will be served by such procedure. Students are not permitted to drop any course without adequate reason and approval.

Class Absences

Students are expected to attend all class or laboratory meetings of a course and to participate in any outside activities which are part of the course. The final decision as to approving absences which may be required of illness or urgent matters of any kind is in the hands of the instructors concerned. Proper penalties or requirements may be imposed by an instructor for absences of any kind. In most cases class attendance is essential if the student is to get the greatest profit.

Penalty for Late Registration

Students in attendance during any semester must register on the opening day of the following semester, if they desire to continue their work. For the first three days two dollars is charged for each day of delay in registration and class absences will be counted against the student for all days missed. This rule does not relate to students entering for the first semester.

Withdrawal

An honorable discharge will be granted to any student who is in good standing and is not subject to discipline, who may desire to with-

draw from the college, if he has satisfied his counselor and a responsible officer of the college that there is good reason to justify such action. Students asking to withdraw should present such a request to the counselor in writing with a statement of approval from parent or guardian. The recommendation of the counselor should then be presented to the Dean of Students for final approval and record. No withdrawal will be considered complete until this action has been taken.

Final Examinations

All students are required to take the final examination in all courses for which they are registered. Only seniors who are taking the comprehensive examination in the major field are excused from final course examinations.

Special Examinations

A student who has been marked conditional in his course at the end of the semester may, with the consent of the instructor, be given an opportunity to take a second examination on the payment of a fee of \$5.00 or when a student is justifiably absent from a final examination he may have a special test upon the payment of a fee of \$5.00. Fees for special examinations must be paid at the office of the Bursar before the examinations are taken. The Bursar's receipt must be presented to the instructor at the time of the examination and delivered by the instructor to the Registrar together with the grade given the student.

Junior Year Abroad

Specially qualified students may substitute for the work of the junior year in the college a year of study in Europe or England, under proper supervision and direction. To be eligible for the junior year abroad, the student ordinarily must have an average grade of B or over in the work of the first three semesters. Each application must be approved by the faculty. Any student who may wish to avail himself or herself of this opportunity should present the request in writing to the Committee on Admissions and Classifications before the end of the semester of his or her sophomore year.

Religious Life

One of the expressed aims of the college is "To provide higher education in an atmosphere sympathetic to Christian ideals and Christian

faith and to conserve and develop the moral character and religious life of its students." This aim is meant to bear upon instruction, counseling, and social life as well as formal religious services.

A fifty-minute chapel or general assembly is held each Tuesday and Thursday at eleven o'clock. Attendance is obligatory for all students. These services are not sectarian.

All students, regardless of denominational affiliations, are welcome as "Student Members" of the Bethany Memorial Church. Every Sunday there is morning worship in charge of the minister. On Sunday evening there is often an informal service which provides additional devotional expression and religious stimulus.

Each year one week is designated as Christian Living Emphasis Week. Under the direction of a committee of students, with one or two faculty counselors, a team of four or five nationally known religious leaders, of various faiths, is invited to the campus. Chapel services, class periods, and fraternity houses and dormitories are thrown open to these leaders, in an effort to convince each student of the importance of religion in life. No other influence in the college is stronger than these student-sponsored meetings.

As one of the most important student organizations, the Student Christian Association sponsors conferences, meetings, and study groups in the field of social ethics, international good will, and Christian faith. The Association is directly responsible for the pre-Easter devotional services.

The graduation requirement of a study of Biblical Literature is intended to be a sympathetic and constructive approach to the study of the Bible, which has been a recognized textbook at Bethany College since its founding.

PART III

THE ADMISSION OF STUDENTS

THE ADMISSION OF STUDENTS

The entrance requirements at Bethany College are the outgrowth of long experience in dealing with the problems of secondary school and college students. These regulations are intended to assist in selecting, from the many candidates for admission, those who are best qualified to take advantage of the educational opportunities of Bethany College.

Since the major emphasis of Bethany College is upon the liberal arts and the natural sciences, the ability and preparation of students should give assurance of success in these fields. Applicants must present evidence of good character, sound health, intellectual ability and interest, and thorough scholastic preparation.

Freshman Admission

Applicants for admission to the freshman class will be judged acceptable in terms of scholastic preparation and intellectual maturity by any one of the following plans:

Graduates of any accredited secondary school may be accepted for admission without examination on presentation of a statement signed by proper school authorities provided the scholastic work is of such quality as to place the student in the upper half of his class as evaluated by the secondary school.*

It is further required that the student's preparatory program include at least fifteen units of acceptable secondary school work, two thirds of which shall be in English, foreign languages, mathematics, natural science and social studies. Students from three year senior high schools may be admitted on a total of eleven units.**

Graduates of accredited secondary schools not meeting the foregoing requirements may be accepted for admission only on the basis of supplementary information as represented by scholastic aptitude test scores.

Students who have not been regularly prepared for college in a recognized secondary school can be admitted if they qualify by means of high scores made in a battery of examinations on general educational

*Note: Applicants with proper academic standing may be granted acceptance at the end of their junior year, subject to completion of their senior year in a satisfactory manner.

**Note: Not less than one-half unit will be accepted in any subject and not less than one unit will be accepted in any foreign language, algebra, plane geometry, chemistry, physics, or shorthand.

development given at the college under the direction of the Committee on Admissions and Classifications. The examinations will be given upon the scholastic work covered by the list of secondary units approved by the North Central Association of Colleges and Secondary Schools.

Advanced Standing

Students from other accredited colleges or junior colleges may be admitted upon the presentation of evidence that they have satisfied the general requirements for admission and that they were in good standing in the institution last attended. All applications for admission from students for advanced standing must be accompanied by official certificates stating the nature and extent of college courses completed and all disciplinary or academic items that belong to such a record. Such a statement must be signed by the proper officer of the institution in which the work was done.

The evaluation and acceptance by Bethany College of credits earned at an accredited institution will depend upon the quality and nature of the academic work completed. Academic work ranked below "average" (grade C) will not be accepted. Not more than sixty-five hours will be allowed for junior college work.

Credit will be allowed for work done in non-accredited institutions only by special action of the Committee on Admissions and Classifications.

A student transferring to Bethany College must be in residence at least one full year before a degree will be granted by the college.

Special Students

A very limited number of students who are not candidates for a degree may be admitted to the college as "unclassified students" with permission to pursue selected courses. Approval for enrollment in this manner will be given only if the applicant can satisfy the Committee on Admissions and Classifications that he can pursue the courses with profit, that he has a serious purpose in mind, and that he can meet the general requirements as to health, character and mental ability.

Medical Requirements

A student entering Bethany College should have a complete physical examination made by his family physician prior to arrival. The parents and family physician will be asked to provide the Dean of Students and the College Physician with a medical history adequate for the under-

standing of any problems which may arise. Each new student will undergo a physical examination by the College Physician and must be prepared to present evidence of having had a successful smallpox vaccination and two injections of tetanus toxoid within a three-year period prior to entrance. The college reserves the right at any time to require the withdrawal of a student when in its opinion his physical or mental condition is such that his interests and those of the college would be better served by such withdrawal.

Provisional Enrollment

The term "provisional enrollment" is applied to the status of students who are permitted to enroll for a provisional period of two weeks pending the receipt of secondary school record, the payment of the required amount on account, or pending the fulfillment of other proper requirement of the administration. This is intended to cover the cases with which the Deans, the Committee on Admissions and Classifications or the Bursar have to deal.

How to Apply for Admission

Late in the junior year or near the beginning of the senior year in secondary school a student should file application for admission. Catalogues and application blanks are obtainable from the Director of Admissions. A \$2.00 fee is required at the time the formal application is made.

All applications for admission are regularly reviewed by the faculty Committee on Admissions and Classifications and notice of action taken is sent directly to the applicant.

Deposits

Upon acceptance for admission, a \$25.00 Registration Deposit is required. This is refundable until June 15—or within two weeks of acceptance, if an applicant is accepted after this date—upon written withdrawal of the application for admission, addressed to the Director of Admissions. This deposit is applied on the student's account at the beginning of the second semester of the college year.

If a student wishes to withdraw from Bethany College at the end of the first semester, proper notice must be made to the Dean of Students prior to December 20 in order to obtain refund of the Registration Deposit.

All students reserving accommodations in college dormitories must also make a \$10.00 room guarantee and breakage deposit to accompany the room application. This deposit is refundable, less breakage charges, at the end of the college year of occupancy. If the room is vacated prior to the end of the college year the guarantee deposit will not be refundable. However, if application for admission to the college is withdrawn prior to June 15 as described above, the room deposit of \$10.00 will likewise be refunded.

For students already registered in Bethany College and planning to continue the following year, advance registration is held early in May with payment of the Advance Registration Deposit of \$25.00 due on or before May 6. Refund up to June 15 will be made upon receipt of proper notification and up until December 20 of the first semester for those not planning to return for the second semester.

Student Finances

The tuition for each semester is two hundred dollars for fifteen academic hours or less. For each academic hour in excess of fifteen an additional charge of thirteen dollars and fifty cents is made. Tuition for student carrying less than twelve hours is sixteen dollars per semester.

By action of the Board of Trustees members of the families of home and foreign missionaries actively in service are allowed free tuition for regular academic work at the college.

A general student fee of twenty-five dollars per semester covers activities and services as follows: Athletics, Health Service, Library, Lectures and Concerts, Student Activities under direction of Student Board of Governors.

Residence Facilities

All members of the freshman class are regularly required to live in college supervised dormitories. Students beyond the freshman year may choose to live in college dormitories, fraternity or sorority houses, or in the case of men, in private accommodations in the town of Bethany.

Cochran Hall is the dormitory for freshman men, with single and double rooms available at a price range of \$85.00 to \$90.00 per semester.

Point Breeze Hall is a dormitory for men beyond the freshman year with rooms set up for occupancy by two and three students at a semester rental of \$80.00.

The college also maintains seven supplementary dormitories arranged in suites for occupancy by upperclassmen. These facilities have a semester rental of \$70.00.

Phillips Hall is the dormitory for freshman women with a limited number of rooms for upperclass students. Single and double rooms are provided at a semester rental ranging from \$85.00 to \$90.00.

Gateway Hall is reserved for upperclass women and has single and double rooms at a semester rental of \$85.00 to \$90.00.

Students living in college operated dormitories are expected to furnish curtains, bed linen, blankets, bedspreads, pillow, towels, study lamps and rugs. They are expected to care for their own rooms and to keep them clean and in good order at all times.

For the convenience of the student there is available a commercial linen service, supplying at a cost of ten dollars per semester, sheets, pillow cases, and towels each week while the college is in session.

Fraternity and Sorority Houses

Five national fraternities and four national sororities maintain active chapters on the Bethany campus and have dormitory accommodations for a limited number of members.

The four sorority houses, three of them being college residence houses and the fourth being privately owned, are operated under the same rules of supervision and conduct as regular college facilities. All accommodations are available at the rate of \$75.00 per semester.

The maintenance of proper conduct and discipline in the five fraternity houses is a direct responsibility of the Dean of Students. Semester room rental ranges from \$70.00 to \$80.00 per semester.

Operation of College Halls

Room assignments in all college dormitories are made for the academic year. Withdrawal prior to the end of the college year means forfeiture of the room guarantee deposit.

Room assignments for upperclassmen are made in the order of class membership, supplemented by the drawing of lots. Requests for change of assignment are handled by the Dean of Students and the Associate Dean of Students. A new contract is issued at time of change.

Residence Halls will be open for freshmen for each semester the day before Freshman Week and for all other students the day before Registration Day. Residence halls will be closed and students are not expected to stay in Bethany when college is not in regular session.

Bethany College reserves all rights in connection with the assignment, termination of occupancy and reassignment of rooms in all dormitories.

Estimated Expenses for Year

Bethany has always been known as a college of moderate costs. For essential campus expenses, exclusive of such personal items as clothes, travel and amusements, and books, a student should budget approximately \$970 for two semesters, as follows:

Tuition	\$400.00
Room	170.00
Board	350.00
Fees	50.00
TOTAL	\$970.00

The college is required to collect the West Virginia Sales Tax of 2% on Room and Board in addition to published charges for the same.

Laboratory and Course Fees

Art 13, 14, 17, 18, 25, 26, 31, 32	\$5.00 per semester
Biology 11, 12, 35, 36, 48, 53, 54, 57, 65, 68, 76, 78	\$8.00 per semester
Biology 34	\$6.00 per semester
Biology 91, 92 (each hour)	\$8.00 per semester
Chemistry 15, 16, 31, 67, 68, 71, 75, 76	\$8.00 per semester
Chemistry 32, 34, 61, 62	\$12.00 per semester
Chemistry 87, 88, 91, 92 (each hour)	\$8.00 per semester
Education 72	\$4.00 per semester
Education 81, 82	\$20.00 per semester
Journalism 53, 54, 56, 63, 64, 71, 72, 73, 74	\$5.00 per semester
Journalism 65, 66	\$3.00 per semester
Journalism 91, 92 (each hour)	\$3.00 per semester
Physics 21, 31, 32	\$5.00 per semester
Physics 55, 56, 67, 68, 87, 88, 91, 92 (each hour)	\$5.00 per semester
Psychology 53, 54, 62, 64, 91, 92	\$5.00 per semester

Breakage and Guarantee Deposits

Biology 34.....	\$5.00 per semester
Biology 53, 54.....	\$3.00 per semester
Chemistry 15, 16, 31, 75, 76, 91, 92.....	\$3.00 per semester
Chemistry 32, 34.....	\$6.00 per semester
Chemistry 61, 62, 67, 68.....	\$7.00 per semester
Chemistry 77, 78 (travel).....	\$10.00 per semester
Deposit on lock in gymnasium.....	\$1.00
Guarantee deposit for student employment.....	\$5.00

NOTE: A deposit on locker keys is charged to all students enrolling in activity courses in physical education or to those reserving lockers in the gymnasium for personal use.

Music Fees

Private Lessons, two lessons a week, per semester.....	\$55.00
Private Lessons, one lesson a week, per semester.....	\$30.00
Organ Practice, one hour each day, per semester.....	\$20.00
Piano Practice, one hour each day, per semester.....	\$5.00
Piano Practice, three hours per week, per semester.....	\$3.00
Practice Room for instrumental music, one hour each day, per semester	\$2.00
Practice Room for voice, one hour each day, per semester.....	\$5.00

Other Special Fees

Application Fee for all new students.....	\$2.00
(This fee must be paid before any action is taken on Application for Admission.)	
Advance Registration Fee.....	\$25.00
(This fee is applied on second semester account)	
Auditing a course, per semester hour.....	\$5.00
Comprehensive Examination (For students not in residence or for special examination.).....	\$25.00
Each academic hour when less than twelve, per semester.....	\$16.00
Each change in registration after first two weeks.....	\$1.00
Freshman Week Fee (First Semester only).....	\$10.00
(Freshman Evaluation and Orientation Program, etc.)	
Graduation and diploma fee.....	\$10.00
Infirmary charge per day (after first four days).....	\$2.00
Late registration, first three days, per day.....	\$2.00

Guidance and advisement service (pre-college).....	\$10.00
Special Final Examination in any department or course.....	\$5.00
Special placement or achievement test in any department.....	\$5.00
Transcript fee (after first issue).....	\$1.00
Graduate Record Examination.....	\$10.00

Summer Term Expenses

Details of the Bethany College Summer Session for 1949 are to be found in the Bethany College Bulletin, Vol. XLII, No. 2, February, 1949.

Four sessions are included in the program. June 7 through July 16 (six weeks, six semester credits); June 7 through July 30 (eight weeks, eight semester credits); July 18 through August 6 (three weeks, three semester credits); August 15 through August 19 (football coaching school, 1 semester credit).

Courses offered during the Summer Session of 1949 are at the rate of \$16.00 per semester credit hour. Charges for required and special fees are determined in the light of services available to the individual student. Board and room is determined on the basis of time the student is in residence and at the rate of \$15.00 per week.

Payment of Accounts

At the time of registration for each semester an invoice will be prepared for each student, listing all charges due the College for the semester. The total amount shown on the invoice is due and payable on Registration Day and the student is not considered to be registered until such payment is made. All accounts are payable to the Bursar of Bethany College.

Upon request and with approval of the Business Manager a period of two weeks following Registration Day may be allowed for payment of the invoice. It is required of each student, however, that he make a minimum payment on Registration Day of \$50.00. This is in addition to the Advance Registration deposit made and cannot be satisfied by scholarship awards or grants in aid. In case the total of the invoice is less than \$50.00 the full amount must be paid.

The College is not prepared to handle the financing of student accounts. It has, therefore, made arrangements with the Tuition Plan, Inc., whereby student accounts may be paid on a monthly basis. The charge for this service is 4% of the amount financed. It is desirable that arrangements be made to use this plan prior to the registration

period. Information and the necessary contract forms are available through the Business Manager. The contract must be signed by the parent or guardian of the student. It must be returned to the Business Manager's office prior to the expiration of the two week period in lieu of payment in full.

A 10% carrying charge is placed on all accounts not properly taken care of on Registration Day or in the two weeks period of grace as explained above.

No student will be allowed to receive academic credit of any kind in any semester until all his financial obligations to the college have been met. In case a student withdraws from college, tuition, board and room rent are refunded on a pro rata basis, figured to the end of the week in which withdrawal takes place.

Scholarship awards are not applied on the accounts of students who withdraw before the end of the semester. Special fees are not refunded.

Freshmen will report on Sunday, September 18, 1949, and the "Freshman Week" fee is payable on the following day. The "Freshman Week" fee covers board and room for the days of this week that are given over to freshman orientation and academic placement activities.

PART IV

VOCATIONAL OPPORTUNITIES

VOCATIONAL OPPORTUNITIES

Bethany College has as one of its particular aims the awakening in the student of interest leading toward a vocation or specialization in one particular field. A thorough program of general education with the proper sequence of courses is currently believed to be the most important career preparation than can be given. Under the Bethany plan, a student is encouraged early in his college course to choose a definite goal toward which he will aim, and to plan his work with that end in view. A well integrated program of courses, a major in one of the departments of instruction, and some degree of specialization are expected of each student.

Suggestions for study beyond the freshman level are offered in the following statements for the guidance of students. The faculty counselor will assist the student in preparing a complete schedule of courses. All students must, in addition to the suggested courses, meet the general requirements for graduation as outlined in the section entitled, "The Bethany Program."

Business Administration

A complete program is offered in Business Administration as preparation for entering any of the occupations in the general field of business or any of the business activities of government. A student will major in the Department of Economics and Business Administration but will be expected to carry several courses in other departments. Courses recommended to all students of business are:

Economics 45-46, 69-70	Introductory and Intermediate Accounting
Economics 47	Business Statistics
Economics 51-52, 54	Marketing, Retail Merchandising, Personal Selling and Sales Management
Economics 56	Insurance Principles and Practices
Economics 57-58	Corporation Finance and Business Law
Economics 61	Money, Credit and Banking
Economics 62	Industrial Management
Economics 63	Public Finance and Taxation
Personnel Administration 65	Labor Problems
Personnel Administration 66	Personnel Management
Psychology 55	Applied Psychology
Sociology 75	Industrial Sociology
Speech 41-42	Public Speaking
Political Science 55-56	American Government and Politics
History 41-42	United States History

Courses as electives are available in salesmanship, insurance principles and practices, corporation finance, business cycles, business law, history of economic thought, advertising, and personnel administration. Professor R. H. Kyler is advisor to business students.

Law

Admission to a school of law demands in most cases a four year college course, there being, however, law schools that do admit students after the completion of three years of college work. The Association of American Law Schools, composed of the leading law schools, makes no specific requirements for the pre-law courses, but does recommend that the college course give the student a thorough intellectual training in history, English, languages, sciences, and social sciences. A pre-law student will usually major in history, political science or economics according to his interest. Professor Chandler Shaw is the advisor to pre-law students. Suggested courses would be:

English 31-32.....	Survey of English Literature
or	
English 51-52.....	Survey of American Literature
History 51-52.....	Modern European History
History 41-42.....	United States History
History 77.....	The Development of the American Nation
History 78.....	The Age of Big Business
Political Science 55-56.....	American Government and Politics
Political Science 73.....	Origins of American Democracy
Economics 43-44.....	Principles of Economics
Economics 45-46.....	Introduction to Accounting
Economics 63.....	Public Finance and Taxation
Personnel Administration 68.....	Government and Labor
Sociology 54.....	Criminology
Psychology 31-32.....	General Psychology
Speech 41-42.....	Public Speaking

Journalism

The courses in Journalism at Bethany College provide a vocational opportunity in newspaper work, magazine work, radio, advertising, public relations, and free-lance writing. The major work will be done in the Department of Journalism with a broad elective program. Twelve semester hours in English literature must be included in a major in journalism. Professor E. E. Roberts is the advisor in Journalism. Suggested courses are:

Journalism 53 & 56.....	Reporting
Journalism 63 & 64.....	Features
Journalism 65.....	Advertising
Journalism 71.....	Radio and Play Writing
Journalism 66.....	History of American Journalism
Journalism 74.....	Short Story
Economics 43-44.....	Principles of Economics
Physical Science 11-12.....	Physical Science
English 31-32.....	Survey of English Literature
English 51-52.....	Survey of American Literature
History 51-52.....	Modern European History
Psychology 31-32.....	General Psychology
Sociology 41-42.....	Rural and Urban Sociology

Public Service

Preparation for a career in government service will necessitate background training in the fields of political science, history, economics, sociology, psychology, personnel administration and English composition. Students wishing to prepare for foreign service should be well grounded in two languages and in European or Latin American history. Students planning careers in Public Service should consult with Professor Chandler Shaw. The following courses beyond the freshman level are especially recommended:

History 41-42.....	United States History
History 77.....	The Development of the American Nation
History 78.....	The Age of Big Business
History 51-52.....	Modern European History
Political Science 55-56.....	American Government and Politics
Economics 43-44.....	Principles of Economics
Economics 45-46.....	Introduction to Accounting
Economics 47.....	Business Statistics
Personnel Administration 65.....	Labor Problems
Personnel Administration 66.....	Personnel Management
Sociology 31.....	Introductory Sociology
Sociology 71.....	Social Disorganization
English 31-32.....	Survey of English Literature

Social Work

Complete preparation for social work cannot be given on the undergraduate level; however, a broad foundation and a framework of action can be provided for those interested in professional social work. Students planning to enter this field should consult with Professor E. C. Paustian.

Suggested courses are:

Sociology 31.....	Introductory Sociology
Sociology 32.....	Family Relationships
Sociology 41-42.....	Rural and Urban Sociology
Sociology 65.....	Community Organization
Sociology 68.....	Population Problems
Sociology 71.....	Social Disorganization
Sociology 72.....	Introduction to Social Case Work
Sociology 78.....	Group Organization and Leadership
Psychology 31-32.....	General Psychology
Psychology 69.....	Social Psychology
Economics 43-44.....	Principles of Economics
History 51-52.....	Modern European History
English 31-32.....	Survey of English Literature

Teacher Training

Students who are interested in education service are able to secure preparation for teaching in secondary schools. State requirements for certification vary but graduates of Bethany College can qualify for teaching in New York, Pennsylvania, Ohio, West Virginia, New Jersey, and some others. Professor R. H. Eliassen is the advisor for students planning to enter the teaching profession. Recommended courses in addition to the major field of interest are:

Psychology 31.....	General Psychology
Psychology 61.....	Educational Psychology
Education 31-32.....	Human Growth and Development
Education 52.....	Principles of Secondary Education
Education 65.....	Audio-Visual Education
Education 80.....	Techniques of Teaching
Education 81-82.....	Observation and Directed Teaching
Education 85.....	Special Methods in Teaching
History 51-52.....	Modern European History
English 31-32.....	Survey of English Literature

Dentistry

Admission requirements to dental schools have not been as generally standardized as in the case of other professional schools. Bethany recommends at least a two-year program of pre-professional training for entrance. Students planning to enter dentistry should consult Professor B. R. Weimer. The following courses are recommended:

Chemistry 15-16.....	General Chemistry
Chemistry 31.....	Qualitative Analysis
Chemistry 35.....	Organic Chemistry

Biology 35.....	Comparative Vertebrate Anatomy
Biology 43.....	Heredity and Eugenics
Physics 31-32.....	General Physics
Psychology 31-32.....	General Psychology
Mathematics 11-12.....	Mathematical Analysis
Economics 43-44.....	Principles of Economics
English 31-32.....	Survey of English Literature

Recreational Leadership

In view of the increasing emphasis on recreational leadership and the intelligent use of leisure time in our present day life, a course of study has been outlined for students who wish to prepare themselves for such work. The course follows the general plan of preparation recommended by the National Recreation Association.

Students preparing for recreational leadership should preferably select major work in physical education with minor work and electives in sociology, education, psychology, art, music and English. Professor John J. Knight is advisor in this area.

Physical Education 46.....	Community Hygiene
Physical Education 47-48.....	Theory and Practice of Team Sports
Physical Education 51-52.....	Modern Dancing
Physical Education 57.....	Community Recreation
Physical Education 58.....	Recreational Leadership
Physical Education 74.....	Organization and Administration of Physical Education
Physical Education 75-76.....	Theory and Practice of Individual Sports
Speech 41-42.....	Public Speaking
Speech 53-54.....	Play Production
Speech 71-72.....	Introduction to Radio Speech and Drama
Economics 43-44.....	Principles of Economics
Education 31-32.....	Human Growth and Development
Sociology 41-42.....	Rural and Urban Sociology
Sociology 65.....	Community Organization
Psychology 61.....	Educational Psychology
Psychology 69.....	Social Psychology
Music 31-32.....	Music Appreciation

Medicine

Bethany College offers instruction and facilities enabling students to satisfy the entrance requirements of the best medical schools. There are certain course requirements rather definitely prescribed by the Association of American Medical Colleges for entrance to medical school.

These are: English, 6 hours; Biology, 8 hours; Physics, 8 hours; Inorganic Chemistry, 8 hours; Organic Chemistry, 4 hours. Most medical schools strongly recommend in addition a course in Quantitative Analysis and a course in Comparative Vertebrate Anatomy. Professor B. R. Weimer is advisor to pre-medical students. Suggested courses are:

Chemistry 32.....	Quantitative Analysis
Chemistry 35.....	Introductory Organic Chemistry
Chemistry 61-62.....	Organic Chemistry
Chemistry 71.....	Physical Chemistry
Biology 35.....	Comparative Vertebrate Anatomy
Biology 43.....	Heredity and Eugenics
Biology 76.....	Histology
Biology 78.....	Vertebrate Embryology
Psychology 31-32.....	General Psychology
Psychology 58.....	Abnormal Psychology
Physics 31-32.....	General Physics
Sociology 31.....	Introductory Sociology
English 31-32.....	Survey of English Literature

Pre-Engineering

A broad training in the sciences and humanities provides a good foundation for students who look forward to specialization in one of the technical branches of engineering. The following courses are recommended for the first two years. A junior year program may be selected to include advanced courses in chemistry, physics, and applied mathematics. Professor J. S. V. Allen is advisor to pre-engineering students.

Mathematics 24.....	Plane Surveying
Mathematics 27.....	Descriptive Geometry
Mathematics 31-32.....	Differential and Integral Calculus
Mathematics 21-22.....	Engineering Drawing
Chemistry 15-16.....	General Chemistry
Chemistry 31-32.....	Qualitative and Quantitative Analysis
Economics 43-44.....	Principles of Economics
Psychology 31-32.....	General Psychology
Physics 31-32.....	General Physics

Professional Chemistry

A thorough preparation for professional chemistry with a complete background of training in the liberal arts is offered in a program of courses that meets the requirements of the American Chemical Society. In addition, courses in Special Problems introduce the student to the

principles of research, aiding in any contemplated graduate or industrial work following graduation. A minimum of 16 hours in the humanities above other required courses must be taken by all students majoring in chemistry. Professor C. F. Brown is advisor to students planning careers in this field. Suggested courses are:

Chemistry 31-32.....	Qualitative and Quantitative Analysis
Chemistry 61-62.....	Organic Chemistry
Chemistry 67-68.....	Advanced Organic Chemistry
Chemistry 75-76.....	Physical Chemistry
Physics 31-32.....	General Physics
Mathematics 31-32.....	Differential and Integral Calculus
History 51-52.....	Modern European History
Economics 43-44.....	Principles of Economics
Psychology 31-32.....	General Psychology

Public School Music

The Music Department offers courses in public school music methods which, together with the theory courses taken by every music major, prepare students for the teaching of instrumental and vocal music in the public schools. Certification by state educational authorities requires work as prescribed by the Department of Education. Students planning to prepare for public school music work should consult with Professor George Hauptfuehrer. Suggested courses for such a program are:

Music 11-12, 35-36.....	Elementary and Advanced Ear Train- ing and Sight Singing
Music 23-24, 45.....	Harmony I, II, III
Music 46.....	Counterpoint
Music 55.....	Form and Analysis
Music 56.....	Orchestration
Music 75.....	Conducting
Music 79-80.....	Instrumental Technique in the Public Schools
Music 85.....	Methods and Materials in Teaching Music in the Elementary Schools
Music 86.....	Methods and Materials in Teaching Music in the Secondary Schools
English 31-32.....	Survey of English Literature
History 51-52.....	Modern European History

Physical Education

A major in physical education is offered for those students desiring to prepare for work in school or community programs of physical education. It is possible to satisfy the requirement for certification in physical educa-

tion as prescribed in certain states. Students wishing to prepare for work in this field should consult with the head of the Department of Physical Education, Professor J. J. Knight.

Physical Education 15 or 16.....	Personal Hygiene
Physical Education 46.....	Community Hygiene
Physical Education 47-48.....	Theory and Practice of Team Sports
Physical Education 57.....	Community Recreation
Physical Education 58.....	Recreational Leadership
Physical Education 59.....	Prevention and Care of Injuries
Physical Education 72.....	Corrective Gymnastics and Normal Diagnosis
Physical Education 74.....	Organization and Administration of Physical Education
Physical Education 75-76.....	Theory and Practice of Individual Sports
Physical Education 78.....	Principles of Physical Education
Biology 67 or 68.....	Physiology
Biology 35-36.....	Comparative Vertebrate Anatomy
Education 31-32.....	Human Growth and Development
Psychology 31-32.....	General Psychology
Speech 41.....	Introduction to Speech

Christian Ministry

Students who are preparing for the work of the Christian ministry, in the mission field or in the church at home, are urged to major in the Department of Religion but to include a broad study of the social studies, literature and sciences in the four year program. A majority of the ministerial students from Bethany College attend a seminary for graduate work. If such advance is not possible the course available at Bethany will enable the student to render effective service to the church.

New Testament 31-32.....	New Testament Survey
Old Testament 33-34.....	Old Testament History
Religious Education 79.....	The Theory of Religious Education
Religious Education 80.....	The Educational Work of the Church
Church History 51-52.....	History and Literature of the Disciples
Church History 69.....	The Ancient Church
Church History 70.....	The Reformation
Homiletics 61-62.....	The Theory of Preaching
Homiletics 63-64.....	The Work of the Pastor
English 31-32.....	Survey of English Literature
Psychology 31-32.....	General Psychology
Economics 43-44.....	Principles of Economics
Sociology 31.....	Introductory Sociology
Philosophy 53-54.....	History of Philosophy

Librarianship

Bethany College provides pre-professional training for librarianship. Entrance to accredited graduate library schools of Class I and Class II type is currently obtained on the basis of a Bachelor's degree with work in social studies, literature, and languages. Students contemplating further study in library school are urged to select widely in the Departments of History, English, Business Administration, Sociology and other fields, doing their major work in the field of primary interest. Two courses are offered on the undergraduate level in library work, "Introduction to Librarianship" and "Library Technique." Actual experience in library work is offered through a laboratory program in the college library.

Students planning to enter this profession should work out their program of study with their major department head and the college librarian, Professor E. Hugh Behymer.

Careers in Other Fields

Training may be had at Bethany College in many fields not included among the preceding outlines.

For many careers toward which a college man or woman turns, graduate or professional work is necessary; in others, students enter interesting occupations upon completing their undergraduate work and rise rapidly due to their background of education.

The general educational program at Bethany College is designed to aid the student in choosing his career wisely. Facilities of the Guidance Office under the supervision of the Dean of Students are available to all students. The type of instruction permitting free inquiry and close relations with faculty members is an asset in making this important choice.

PART V
COURSE OFFERINGS

EXPLANATORY NOTES

Courses of instruction are listed by subject matter fields

In numbering of courses first semester courses have odd numbers and second semester courses, even numbers. A course having both an odd and even number, as 11-12, runs continuously throughout the year, but may be elected for either semester unless the course is specifically designated "*a continuous course*," providing proper prerequisites are met.

A limited number of courses in various departments will be offered during the summer term. The specific courses to be offered in the summer term of 1949 will be announced in a special bulletin.

The number in parentheses after the name of the course indicates the academic credit given for each semester.

The curriculum of the college recognizes the lower and upper divisions in the arrangement of courses and the numbers of each course. The lower division covers, roughly, the freshman and sophomore years and the upper division, the junior and senior years. Courses in the lower division are numbered from 11 to 49, and in the upper division from 50 to 100.

A course may not be offered, if elected by less than five students.

ART

ELLA JANE BLAKE, *In Charge*

15-16 PRINCIPLES OF ART. The Fundamental principles of art and their application in the various media; designed to acquaint beginning students with the various fields of art. A studio course requiring a minimum of six hours per week. Three hours. M.W.F. 9:00-11:00.

17-18 CREATIVE DRAWING. Problems of composition and methods of representation. Subjects include still life, landscape and figure drawing. A studio course requiring a minimum of six hours per week. Three hours. Hours to be arranged.

39-40 ADVANCED PAINTING AND COMPOSITION. The more advanced students may have freedom of expression in the medium of their choice. Stress is placed upon composition and the development of the individual student's interpretation of the world around him. A studio course requiring a minimum of six hours per week. Registration with permission of the instructor. Three hours. T.Th. 1:00-4:00.

41-42 INTRODUCTION TO ART. The history of art from prehistoric to modern times; designed to develop understanding and appreciation of the arts of other people. Three hours. M.W.F. 1:00.

51 ART IN THE RENAISSANCE. The character of the Renaissance movement and its early development; stress is laid on the great personalities in architecture, sculpture, and especially in painting whose production essentially forms and expresses this period of art. Not offered in 1949-1950.

52 ART IN THE TWENTIETH CENTURY. Historical and interpretative discussion of architecture, sculpture, painting and the industrial arts from 1905 to the present; the correlation of parallel developments in these arts is indicated and the significance of contemporary civilization is considered. Not offered in 1949-1950.

BIOLOGY

B. R. WEIMER, *Head of the Department*

AIMS: To acquaint the student with the living world around him and the fundamental dynamic life processes; to demonstrate scientific methods of approach to problem solutions; to cultivate an attitude of inquiry and research; to develop laboratory skill in various types of work in zoology; botany and related fields; and to train students as teachers of biology and for certain professional work related to this field.

Students who plan to teach or become professional biologists should elect the following sequence of courses: Biology 11-12, 36, 43, 48, 53, 57, 65, 67 or 68, 78 and 87.

Students preparing for work in medicine, dentistry, nursing or as laboratory technicians should elect the following sequence of courses: Biology 11-12, 36, 43, 53, 76, 78 and 87.

REQUIREMENTS FOR MAJOR: At least twenty-four semester hours in the department following a sequence of courses approved by the head of the department. A minimum of twelve semester hours of chemistry, at least six of which are organic chemistry, is desirable, and a minor should be elected in a laboratory science. Either German or French should be elected to meet the graduation requirement for foreign languages.

REQUIREMENT FOR MINOR: At least eighteen semester hours in the department exclusive of Biology 34 and 85.

11-12 GENERAL BIOLOGY. The fundamental structures and life processes of plants and animals including man, and their important inter-relationships. Required for all pre-medical students. (See Physical Education 15 or 16). Three hours.

Lecture:	Section 1	W.F.	8:00
	Section 2	W.F.	11:00
Laboratory:	Section 1	M.	2:00-5:00
	Section 2	T.	1:00-4:00
	Section 3	W.	2:00-5:00
	Section 4	Th.	1:00-4:00
	Section 5	F.	2:00-5:00

34 OUR OUTDOORS. Field study of man's natural environment from the standpoint of geology and biology. Estimated cost of the course to the student exclusive of tuition, including field trips, food and incidentals: \$5.00 to \$8.00. Enrollment limited to fifteen. Not open to freshmen. One hour. Hour to be arranged.

35 COMPARATIVE VERTEBRATE ANATOMY. Comparative anatomy of the representative forms of vertebrates; laboratory study of the comparative anatomy of the shark, necturus and cat. Prerequisite, Biology 11-12. Required of all pre-medical students. Four hours. M.W.F. 2:00-5:00. S. 11:00.

43 HEREDITY AND EUGENICS. Modern theories and laws of heredity and their relation to man. Two hours. T.Th. 1:00.

45 or 46 FIELD ZOOLOGY. Primarily a field study of the taxonomy, ecology and natural history of local animal life. Two hours. Not offered in 1949-1950.

48 PLANT ECOLOGY AND LOCAL FLORA. Identification of the common seed plants and ferns by the use of manuals and the study of the relation between plants and their environment. Prerequisite, Biology 11-12 or a course in biology at secondary school level. Two hours. Not offered in 1949-1950.

53 BACTERIOLOGY. Morphology and physiology of yeasts and bacteria; principles of laboratory technique; cultural characteristics and environmental influences on bacterial growth. Three hours. T.Th.S. 8:00-10:00.

54 INDUSTRIAL BACTERIOLOGY AND CLINICAL METHODS. The bacteriology of water and milk; general food bacteriology; some study of the elementary techniques in clinical methods such as blood work and urine analysis. Practical laboratory assignments and occasional lectures. Recommended prerequisite, Biology 53. Three hours. T.Th.S. 8:00-10:00.

57 ADVANCED GENERAL BOTANY. The structural relationships of various type forms of the plant kingdom together with a study of the fundamental life processes of plants; growth, irritability, food synthesis and metabolism. Prerequisite, Biology 11-12. Three hours. Not offered in 1949-1950.

65 INVERTEBRATE ZOOLOGY. The invertebrate animals including phylogeny and morphology. A laboratory study of representative forms of invertebrates will be made. Prerequisite, Biology 11-12. Three hours. Not offered in 1949-1950.

67 PHYSIOLOGY. Structure and functions of the human body; the mechanism of bodily movements, responses, reactions and various physiological states. Prerequisites, Biology 11-12 and 35 or 36. Three hours. M. W. F. 10:00.

76 HISTOLOGY. Structure of the cell and its modification into various tissues with special attention to the theory and practice of general histological technique. Prerequisites, Biology 11-12 and 35 or 36. Three hours. Not offered in 1949-1950.

77 or 78 VERTEBRATE EMBRYOLOGY. Nature and development of the tissues and organs in vertebrates; embryos of chick and pig studied in the laboratory. Prerequisites, Biology 11-12 and 35 or 36. Four hours. Offered second semester 1949-1950. M.W.F. 2:00-5:00; S. 11:00.

81 or 82 MARINE BIOLOGY. Credit may be given for summer courses taken at the Marine Biological Station at Woods Hole, Massachusetts, or at any other station of similar rank. Four to six hours.

83-84 SEMINAR IN BIOLOGY. A survey of the fields in biology and the current literature relating to investigations in those fields. Prerequisites, Biology 11-12; 35 or 36; 43 and 78. Open only to upper division students. Required of all biology majors. One hour. Hours to be arranged.

85 METHODS AND MATERIALS IN TEACHING BIOLOGY. The aims and methods of teaching biology in the secondary schools. Special attention will be given to general laboratory procedure and technique. Prerequisite, sixteen hours in the department and upper division rank. Two hours. Hours to be arranged.

87-88 INDEPENDENT STUDY IN BIOLOGY. Designed for those students who desire to do independent study in some special field of Biology. The field of

study may be selected by the student, subject to the approval of the Head of the Department, according to interest and future needs. One or Two hours. Hours to be arranged.

91-92 HONORS COURSE. Advanced theoretical and experimental work in biology; an introduction to research. Prerequisites, Biology 11-12; 35 or 36; 43 and 78. Open only to superior upper division students majoring in the department. One or two hours. Hours to be arranged.

CHEMISTRY

CHARLES F. BROWN, *Head of the Department*

AIMS: To contribute to the student's general culture, his understanding of the nature of the physical world and his understanding of the place of chemistry in industrial and business life; to provide training in the scientific method of reasoning; and to provide major students with a thorough and practical training in chemistry which may be useful in industrial, technical or educational work.

Students who plan to become professional chemists should elect the following sequence of courses: Chemistry 15-16, 31-32, 61-62, 67-68, and 75-76; Physics 31-32; Mathematics 11-12, 31-32; a minimum of sixteen hours in the humanities above other required courses. German or French is strongly recommended.

REQUIREMENT FOR MAJOR: At least twenty-four semester hours in the department following a sequence of courses approved by the head of the department.

REQUIREMENT FOR MINOR: At least eighteen hours in the department.

15-16 GENERAL CHEMISTRY. Planned to conform to American Chemical Society standards. Prerequisite to all other chemistry courses. A continuous course. Prerequisite, two units of mathematics or concurrently with Mathematics 11-12. Four hours. M.W.F. 11:00.

Section 1 Lab. M. 2:00-5:00

Section 2 Lab. W. 2:00-5:00

31 QUALITATIVE ANALYSIS. A standard course in qualitative analysis for professional chemists and engineers. Prerequisites. Chemistry 15-16 and Mathematics 11-12. Four hours.

Lecture: T. Th. 1:00

Laboratory: M. W. 2:00-5:00

32 QUANTITATIVE ANALYSIS. A standard course in quantitative analysis for professional chemists and engineers. Tabulate the laboratory and lecture sections. Chemistry 31 should precede this course whenever possible. Prerequisites. Chemistry 15-16 and Mathematics 11-12. T. Th. 1:00; Lab. M. W. F. 2:00-5:00. Five hours.

34 QUANTITATIVE ANALYSIS. A standard course in quantitative analysis designed for pre-medical students and those curricula requiring only four semester hours of quantitative analysis. Lecture material is equivalent to that in Chemistry 32. Prerequisites, Chemistry 15-16 and Mathematics 11-12. Four hours. T.Th. 1:00; Lab. M.W. 2:00-5:00.

61-62 ORGANIC CHEMISTRY. A standard course in organic chemistry. The laboratory work consists of preparations and an introduction to organic qualitative analysis. A continuous course. Prerequisites, Chemistry 15-16, 31 or 32 or 34. Four hours. Lecture M. W. 9:00. Lab. T. Th. 2:00-5:00.

67-68 ADVANCED ORGANIC CHEMISTRY. Designed to present advanced material not given in Chemistry 61-62. Required of professional chemists and engineers. Enrollment limited to advanced students and with permission of the head of the department. Prerequisite, Chemistry 61-62. Four hours. M. W. 10:00; Lab. M. W. 2:00-5:00.

71 ELEMENTARY PHYSICAL CHEMISTRY. A brief introduction to selected areas of physical chemistry for pre-medical students. Tabulate the laboratory and lecture sections. Prerequisites, Chemistry 15-16, 31 or 32 or 34. Four hours. Lecture M. W. F. 8:00; Lab. T. or Th. 2:00-5:00.

75-76 PHYSICAL CHEMISTRY. A standard course in physical chemistry for professional chemists and engineers. A continuous course. Prerequisites, Chemistry 31-32, 61-62, Physics 31-32 and Mathematics 31-32. Four or five hours. T. Th. S. 8:00 lecture; Laboratory T. Th. 2:00-5:00.

77-78 INDUSTRIAL CHEMISTRY. A course designed to teach the unit operations of selected industries. Theory and practice will be taught by lecture, supplemented by selected field trips to various industrial plants. Prerequisites, Chemistry 15-16, and 61-62. Three hours. Not offered 1949-1950.

83-84 SEMINAR IN CHEMISTRY. A survey in the fields of General, Analytical, Organic, and Physical Chemistry; also the current literature relating to investigations in these fields. Prerequisites, Chemistry 15-16, 31-32 or 34, 61-62. Required of all chemistry majors. One hour. F. 10:00.

85 METHODS AND MATERIALS IN TEACHING CHEMISTRY. The aims and methods of teaching chemistry in the secondary schools. Special attention will be given to general laboratory procedure and technique. Prerequisite, sixteen hours of chemistry and junior or senior rank. Two hours. Hours to be arranged.

87-88 INDEPENDENT STUDY IN SELECTED PROBLEMS. Open only to upper division students by approval of Head of the Department. A course designed for those students who desire independent study in some special field of Chemistry. The field of study may be selected by the student, subject to the approval of the Head of the Department, according to interest and future needs. One or two hours. Hours to be arranged.

91-92 HONORS COURSE. A course in advanced theoretical and experimental chemistry; an introduction to research. Open only to superior upper division students majoring in the department. Prerequisites, Chemistry 15-16, 31-32 or 34, 61-62. One or two hours. Hours to be arranged.

CLASSICS

EARL D. MCKENZIE, *Acting Head of the Department*

AIMS: To develop the ability to read classical Greek and Latin literature with some degree of fluency and appreciation; to understand the influence of Greek

and Latin on modern thought and expression; to prepare students for the teaching of Latin, ministerial students for the study of the New Testament; and to provide background materials for the student who is interested in linguistics or archaeology.

REQUIREMENT FOR MINOR: Eighteen hours with the sequence of courses approved by the head of the department. History 65 is recommended.

G R E E K

11-12 **BEGINNER'S GREEK.** Reading in the language is combined throughout with the learning of forms and vocabulary. The aim of the course is to produce as quickly as possible an ability to read Greek. Three hours. Hours to be arranged.

31-32 **NEW TESTAMENT GREEK.** The Gospel of Luke and the grammar of the Greek New Testament. In the second semester some Pauline Epistles will be studied. Prerequisite, Greek 11-12. Three hours. Hours to be arranged.

51 **PLATO.** The Apology, the Crito, and selections from other Dialogues. Open to those who have offered two units of Greek at entrance or have passed Greek 11-12. Three hours. Not offered in 1949-1950.

52 **HOMER.** Selections from the Iliad. Open to those who have offered two units of Greek at entrance or have passed Greek 11-12. Three hours. Not offered in 1949-1950.

71-72 **GREEK LITERATURE IN ENGLISH TRANSLATION.** No knowledge of the original language is required. In the first semester, the epic (Homer) and tragedy (Aeschylus, Sophocles, Euripides) will be studied as manifestations of the Greek creative genius. In the second semester, comedy (Aristophanes), the development of the critical attitude (Plato, Aristotle, Longinus) and individualism (Theocritus, Lucian) will be studied. Three hours. Not offered in 1949-1950.

L A T I N

11-12 **BEGINNER'S LATIN.** Designed to enable students to acquire an ability to read the language as quickly as possible. The learning of forms and vocabulary is combined throughout with reading the language. Three hours. Not offered in 1949-1950.

31-32 **INTERMEDIATE LATIN.** Introduction to the study of Latin literature with review of grammar and syntax. Selected readings from representative prose authors (first semester) and poets (second semester). Three hours. M.W.F. 2:00.

51 **CICERO'S DE AMICITIA AND DE SENECTUTE.** Essays on Friendship and Old Age show a Roman's effort to interpret two universal human experiences. Prerequisite, Latin 31-32 or equivalent. Three hours. Not offered in 1949-1950.

52 **HORACE.** Reading of *Odes* and *Epodes* with selections from the *Satires*. Prerequisite, Latin 31-32. Three hours. Not offered in 1949-1950.

73 ROMAN LITERATURE IN ENGLISH TRANSLATION. No knowledge of the original language is required. Drama (Plautus, Terence, Seneca), poetry (Lucretius, Vergil, Horace) and the *De Officiis* of Cicero will be studied as manifestations of the Roman creative spirit. Three hours. Not offered in 1949-1950.

87-88 INDEPENDENT STUDY. Subjects, hours and credits for special study in the classics to be arranged individually with the instructor. Open by permission of the head of the department. One or two hours. Not offered in 1949-1950.

ECONOMICS AND BUSINESS ADMINISTRATION

R. H. KYLER, *Head of the Department*

AIMS: The courses are intended to provide all students with the background necessary for a better understanding of current economic and social problems and to prepare them for intelligent citizenship; to train students effectively for responsible positions in the world of business; to lay a thorough foundation for graduate study and teaching in the field. A knowledge of the fundamentals of economics is a valuable part of a liberal education, particularly for those who are interested in becoming ministers, social workers, lawyers, diplomats or government officers.

REQUIREMENT FOR MAJOR: Thirty-six hours in the department following a sequence of courses approved by the head of the department. Economics 43-44, 45, 47 or 48, and at least 15 hours in upper division courses must be included. Students who plan to do graduate work in economics are advised to complete courses 73 and 74, and to obtain a reading knowledge of French and German.

REQUIREMENT FOR MINOR: Eighteen semester hours in the department including Economics 43-44, 45, 47 or 48 plus two courses approved by the head of the department.

26 AMERICAN ECONOMIC HISTORY. For beginning students of economics, intended to provide the necessary historical background of present economic and business conditions with special emphasis on the economic development of the United States. Open to freshmen. Three hours. M. W. F. 2:00.

27 BUSINESS ORGANIZATION AND MANAGEMENT. For beginning students of business administration, intended to give a survey of the general field of business including production, marketing, retailing, salesmanship, personnel administration, insurance, corporation finance, taxation and banking. Open to freshmen. Three hours. M. W. F. 2:00.

43-44 PRINCIPLES OF ECONOMICS. The fundamentals of economics; their application to economic, social and political conditions of today is stressed with the purpose of giving the student the approach to an intelligent outlook on current problems. A continuous course. This course is a prerequisite for all upper division courses in this department. Not open to freshmen. Three hours.

Section 1, T. Th. S. 8:00.

Section 2, M. W. F. 3:00.

45-46 INTRODUCTION TO ACCOUNTING. Principles and methods of accounting for different types of business organizations. This course is an indispensable foundation for general business training. A continuous course. Not open to freshmen. Three hours.

Section 1, T. Th. S. 8:00.

Section 2, T. Th. S. 9:00.

Section 3, M. W. F. 11:00.

47 or 48 ELEMENTARY BUSINESS STATISTICS. Statistical principles and their practical application in the administration of modern business; nature, collection and organization of data; presentation of data in tabular and graphic form; the various averages; measures of dispersion; construction and use of index numbers. Three hours. M. W. F. 9:00.

51 PRINCIPLES OF MARKETING AND DISTRIBUTION. The marketing function of the manufacturer, wholesaler, jobber, retailer, mail-order house, chain store and other marketing institutions; cost of distribution; problems of marketing management and planning; modern trends in marketing. Prerequisites, Economics 43-44 and 45. Three hours. M. W. F. 8:00.

52 RETAIL MERCHANDISING. Purchasing, receiving and pricing merchandise with emphasis on the retail store and other retail establishments; stock control, sales promotion, retail personnel, credit and collection, retail advertising and accounting survey. Prerequisites, Economics 43-44 and 51. Three hours. Given in 1948-49. Not offered in 1949-50.

54 PERSONAL SELLING AND SALES MANAGEMENT. A presentation of current sales principles and practices with a preparation of the sales talk, the use of the sales talk, the use of the sales portfolio; analysis of demand and a study of the personal characteristics of the successful salesman. Prerequisites, Economics 43-44 and 51. Three hours. M. W. F. 8:00.

56 INSURANCE PRINCIPLES AND PRACTICES. The principles and practices of the more important forms of insurance; the study of individual coverages or of individual departments of insurance work with an appreciation of their importance and of their interrelationships. Prerequisites, Economics 43-44 and 45. Three hours. T. Th. S. 10:00.

57 CORPORATION FINANCE. The corporation and its development and place in modern industry; the principles and phenomena which rise out of the acquisition and utilization of capital for business purposes. Prerequisites, Economics 43-44 and 45. Three hours. Not offered in 1949-50.

58 BUSINESS LAW. The basic principles of American business law and their application to concrete situations; the study of the law as a necessary instrument for the business man; modern trends in business law. Problems from actual controversies are used. Prerequisites, Economics 43-44 and 45. Three hours. Not offered in 1949-50.

61 MONEY, CREDIT AND BANKING. The principles of monetary and banking theory as they exist at present and a survey of banking practices. Intended to give a thorough understanding of contemporary money, credit and banking problems. Prerequisites, Economics 43-44 and 45. Three hours. M. W. F. 1:00.

62 INDUSTRIAL MANAGEMENT. The scientific management movement; location and layout of industrial plants; types of organization; standards of operation; purchasing and inventory control; wage payment plans; production control; research and inspection problems. Three hours. M. W. F. 2:00.

63-64 PUBLIC FINANCE AND TAXATION. A survey of the principles of government finance combined with a thorough study of the Federal tax system. A continuous course. Prerequisites, Economics 43-44, and 45. Three hours.

Section 1, M. W. F. 10:00

Section 2, T. Th. S. 10:00

65 LABOR PROBLEMS. (Personnel Administration 65.) The position of the wage earner in modern industrial society; policies, methods and objectives of organized labor; meaning and determinants of labor supply and employment; sub-standard workers; quest for security; union recognition; social and economic objectives of industrial democracy. Prerequisite, Economics 43-44. Three hours. M. W. F. 3:00.

66 PERSONNEL MANAGEMENT. (Personnel Administration 66.) Procedures, activities and evaluation of personnel management and industrial relations in business and industry; selection and placement; job analysis and evaluation; training and promotion; job satisfaction; wage theory and procedures; manpower utilization; labor-management relations. This course presupposes some knowledge of psychology and statistical method. Three hours. Not offered in 1949-50.

68 GOVERNMENT AND LABOR. (Personnel Administration 68.) The role of government in mediation, investigation and arbitration of labor disputes; regulatory and protective legislation; legislative and judicial appreciation of the economic, social and political problems involved. Reading and independent study. Prerequisite, Economics 65 and permission of instructor. Three hours. M. W. F. 3:00.

69-70 INTERMEDIATE ACCOUNTING. Theory and practice of valuation of assets and liabilities; inventories, consignments, installment sales, investments, funds, reserves and related accounting problems; analysis and interpretation of financial statements. A continuous course. Prerequisites, Economics 43-44 and 45-46. Six hours. Given in alternate years. Not offered in 1949-50.

72 THE ECONOMICS OF THE MARSHALL PLAN. Foreign trade and finance in terms of the practices and theories of today, the basic facts of the crisis situation in trade leading to the Marshall Plan based on a study of the changes wrought in the international trade pattern by two world wars and a changing world. Three hours. M. W. F. 1:00.

73 ADVANCED ECONOMIC THEORY. An analysis of the theories of value and distribution with emphasis on the forces affecting price and output policies of firms under conditions of competition, monopolistic competition, and monopoly; economic theory applied to current problems on an advanced level. Primarily for seniors who plan to do graduate work in economics. Three hours. M. W. F. 11:00.

74 HISTORY OF ECONOMIC THOUGHT. Outstanding writers and their ideas are studied in relation to the conditions that led to important changes and developments in economic thinking; current trends of thought. Primarily for seniors who plan to do graduate work in economics. Three hours. M. W. F. 11:00.

83-84 SEMINAR IN ECONOMICS AND BUSINESS ADMINISTRATION. A study of some special economic or business problem is made with the purpose of developing in the student the analytical technique necessary for graduate studies or a business career. Required of all seniors who major in the department. Registration with permission of the head of the department. Three hours.

Section 1, M. W. F. 9:00

Section 2, T. Th. S. 9:00

EDUCATION

R. H. ELIASSEN, *Head of the Department*

AIMS: This department seeks to develop in all students a wholesome and intelligent attitude toward public education; to cultivate thinking about problems in education; to integrate its work with that of other departments in a well-rounded liberal and professional education of prospective teachers who may qualify for teaching in Ohio, Pennsylvania, West Virginia and other states, and to offer some technical preparation for guidance work.

REQUIREMENT FOR MAJOR: A minimum of twenty-four hours in the department, with a sequence of courses approved by the head of the department and at least six hours in psychology.

REQUIREMENT FOR MINOR: Twenty hours in the department, with a sequence of courses approved by the head of the department.

TEACHER TRAINING: Students who are interested in teaching should confer with the head of the Department of Education as early as possible, preferably during the freshman year and not later than the beginning of the upper division work.

31-32 HUMAN GROWTH AND DEVELOPMENT. The understanding and appreciation of individual and group development from infancy up to adolescence during the first semester and during adolescence the second semester; the type of school which best meets the needs and interests of children and youth; observations and first hand contacts with children. Carefully selected motion pictures showing how children develop, are shown. Three hours. M. W. F. 1:00.

51 HISTORY AND PHILOSOPHY OF EDUCATION. Educational theory and practice from the days of Ancient Greece to the present. The pivotal aim of the course is to secure an understanding of contemporary education through a survey of the thinking of great leaders of educational thought, past and present. Three hours. T. Th. S. 9:00.

52 PRINCIPLES OF SECONDARY EDUCATION. The functions and characteristics of the modern high school which can best serve the important needs of American Youth today; current issues and trends; problems of young people today. Some observations of high schools and high school students are required. Three hours. T. Th. S. 9:00.

61 EDUCATIONAL PSYCHOLOGY. (Psychology 61). The nature and laws of learning; original nature as conditioning learning; the amount, rate, limit and permanence of improvement; factors and conditions affecting learning; transfer of training; mental fatigue; individual differences; efficient methods of study. Prerequisite, Psychology 31-32. Three hours. M. W. F. 11:00.

62 MEASUREMENT OF INTELLIGENCE. (Psychology 62). The more important techniques for the measurement of intelligence; historical background, validation and use of intelligence tests in education and in out-of-school agencies. Laboratory work with individual and group tests. Prerequisite, Psychology 31-32. Three hours. T. Th. 1:00-3:00.

65 AUDIO VISUAL EDUCATION. Stresses importance of proper utilization of visual and auditory materials and equipment including blackboards, maps, pictures, slides, motion pictures, radio and recordings; where to secure teaching materials; the development of resourcefulness in making use of what one has in a community and school. Students have laboratory experiences with both visual and auditory equipment. Two hours. T. Th. 8:00.

66 GUIDANCE PRINCIPLES AND PRACTICES. The purpose, procedures, and techniques of guidance work; the role of the teacher in a guidance program. This course should be elected by students who are planning to enter the field of education as teachers, counselors or administrators. Two hours. T. Th. 2:00.

71 STATISTICAL METHODS. (Psychology 71). Analysis and description of psychological, educational and sociological data by means of statistical constants which measure central tendency, dispersion and simple correlation; graphic methods, normal curve and experimental design. Three hours. M. W. F. 3:00.

72 EDUCATIONAL MEASUREMENTS. Techniques for the measurement and evaluation of educational competence and development; construction, validation, use and interpretation of standard measurements and their relation to the educative process. Two hours. Not offered in 1949-1950.

80 TECHNIQUES OF TEACHING. Basic methods, materials, and techniques of present day teaching to serve as an introductory course for practice teaching. Required of all students who expect to take Education 81 or 82. Two hours. T. Th. 2:00.

81-82 OBSERVATION AND DIRECTED TEACHING. Observations, teaching, and participating activities in the public secondary schools; the role of teachers and principals in the administration of the high schools. Students who desire to register for this course are required to fill out an application for permission to take the course. This application requires the recommendation of the department head of the student's major field. This application should be filled out before the advanced enrollment each semester. Students should not register for more than 16 semester hours of academic work, including student teaching during the semester that the course is carried. Supervised teaching will be restricted to high schools within a radius of approximately 50 miles from Bethany. Six hours. M. W. 4:00 (Conferences).

85-86 SPECIAL METHODS IN TEACHING. See courses offered in several departments, viz:

Biology 85	Modern Languages 85
Chemistry 85	Music 85 or 86
Classics 85 (Latin)	Physical Education 85
English 86	Physics 85 or 86
History 85 or 86	Religious Education 86
Mathematics 85 or 86	

91 or 92 HONORS COURSE. Independent study and investigation in the field of professional education. Open only to upper division students of unusual ability and adequate background in the field of education. One or Two hours. Hours to be arranged.

ENGLISH

WALTER B. GREENWOOD, *Head of the Department*

AIMS: To furnish students with a comprehensive knowledge of the English language and literature as a cultural discipline or as a preparation for creative writing and graduate study, to provide background and resources for teaching or editorial work, and to train students to speak properly and effectively in public.

REQUIREMENT FOR MAJOR: Students who plan to teach English, to prepare for graduate study or to acquire a comprehensive knowledge of the English language and literature must elect English 31-32 and a minimum of eighteen hours in literature courses in the upper division. Students planning to enter graduate schools should elect English 56 and 58.

REQUIREMENT FOR MINOR: For students electing a minor, at least eighteen hours in English literature are required. English 31-32 must be included. For students electing a minor in Speech and Dramatics, at least eighteen hours in courses approved by the head of the department. English 31-32 must be included.

11-12 WRITTEN AND SPOKEN ENGLISH. First semester emphasizes fundamentals of composition in writing and speaking; review of grammar. Second semester places greater emphasis on content and style in composition with instruction and practice in the technique of preparing a research paper. Vocabulary study, selected readings and conference work. Three hours.

Section 1, M. W. F. 9:00

Section 2, M. W. F. 10:00

Section 3, M. W. F. 1:00

Section 4, M. W. F. 2:00

Section 5, M. W. F. 3:00

Section 6, M. W. F. 4:00

Section 7, T. Th. S. 8:00

Section 8, T. Th. S. 9:00

31-32 SURVEY OF ENGLISH LITERATURE. The development of English literature from the beginnings to the present. Required of all students who are majors and minors in the department. Three hours. M. W. F. 8:00.

33-34 EXPOSITORY WRITING AND SPEAKING. Designed to supplement communications skills taught in English 11-12. Recommended for students who have discovered need for further training in writing and speaking. Not credited toward requirements for a major or minor in English. Three hours. M. W. F. 11:00.

51-52 AMERICAN LITERATURE. A survey of American literature as an aspect of American culture and as a development of thought in America in relation to the life and literature of the western world. Three hours. T. Th. S. 10:00.

56 GROWTH AND STRUCTURE OF THE ENGLISH LANGUAGE. An historical study of the language, its grammar, its foreign borrowings. Readings from the poetry and prose of the old English period. Three hours. Not offered 1949-1950.

57 THE DRAMA. The development of English drama, exclusive of Shakespeare. Three hours. M. W. F. 1:00.

58 SHAKESPEARE. Shakespeare and his times, the comedies and histories; the tragedies and later romances. Three hours. Not offered in 1949-1950.

59 THE RENAISSANCE. A study of the prose and poetry of the English Renaissance. Prerequisite, English 31-32. Three hours. Not offered in 1949-1950.

60 THE SEVENTEENTH CENTURY. English prose and poetry from Donne through Dryden. Prerequisite, English 31-32. Three hours. Not offered in 1949-1950.

61-62 THE EIGHTEENTH CENTURY. English prose and poetry from Addison through Dowper. Prerequisite, English 31-32. Three hours. Not offered in 1949-1950.

65-66 THE NINETEENTH CENTURY. English prose and poetry from Blake through Swinburne. Prerequisite, English 31-32. Three hours. M. W. F. 9:00.

67-68 THE NOVEL. The development of the English novel. Representative non-English novels will also be read in translation. Three hours. Not offered in 1949-1950.

70 CONTEMPORARY LITERATURE. Recent novels, poetry and drama. Three hours. M. W. F. 10:00.

71-72 THE BIBLE AS LITERATURE. (Old Testament 71-72) Origin, development and literary values of the various types of literature of the Bible. Three hours. M. W. F. 8:00.

73 WORLD LITERATURE. Literature of the western world which has influenced the development of English literature. Three hours. M. W. F. 10:00.

83-84 SEMINAR IN ENGLISH LITERATURE. Designed for advanced students majoring in English. Extensive reading for the purpose of correlating and supplementing work done in other courses. Three hours. T. Th. 1:00-2:30.

86 METHODS AND MATERIALS IN TEACHING ENGLISH. Analysis and discussion of methods and materials of instruction that have been used most effectively in the teaching of English literature and composition in secondary schools. It is urged that this course be taken in the junior year. Two hours. M. W. 2:00.

87-88 INDEPENDENT STUDY IN ENGLISH. A course designed for students desiring to do independent study in a special field of English. The topic is to be selected by the student, subject to the approval of the head of the department. One, two, or three hours. Hours to be arranged.

91-92 HONORS COURSE. Conferences, papers and reports on minor research problems. Limited to seniors of superior achievement who are majoring in the department. One, two, or three hours. Hours to be arranged.

S P E E C H A N D D R A M A T I C S

41 INTRODUCTION TO SPEECH. Introduction to the speech arts with emphasis on voice and diction, phonetics, voice science, speech organization and delivery. Three hours. M. W. F. 8:00.

42 PUBLIC SPEAKING. Practical application of the principles of speech; study of speech construction; practice in formal and impromptu speaking; survey of the techniques of debate and discussion. Prerequisite, Speech 41 or permission of the instructor. Three hours. M. W. F. 8:00.

51 ORAL INTERPRETATION. The techniques of oral reading. Consideration of stories, ballads, dramatic poetry and prose. Principles of analysis, empathy, attention, imagery and inflection. Prerequisite, Speech 41 or permission of the instructor. Three hours. M. W. F. 8:00.

53 PLAY PRODUCTION. Designed to promote an understanding and appreciation of the theatre through the learning of techniques in acting and theatre crafts, costume, make-up, stage lighting, scenery design and construction. Students participate in the preparation of college dramatic productions. Three hours. T. Th. S. 10:00.

54 ACTING AND PANTOMIME. Acting techniques from the standpoint of both the director and the actor; stress placed upon interpretation of lines, make-up and costuming; survey of classic and modern plays with consideration of production problems. Students participate in the preparation of college productions. Three hours. M. W. F. 8:00.

56 ARGUMENT. The principles of logic and persuasion and the application of the psychology which underlies the use of planned argument with practice in the application of the theories developed. Prerequisite, Speech 41-42 or permission of the instructor. Three hours. Not offered in 1949-1950.

58 INTRODUCTION TO STAGE DIRECTION. Study and practice in the fundamentals of stage direction. Aesthetic distance, emphasis, tempo, balance, unity, stage business and interpretation of lines are considered. The class members direct short scenes. Three hours. T. Th. S. 10:00.

71-72 INTRODUCTION TO RADIO SPEECH AND DRAMA. Study and practice of broadcasting methods; microphone speaking, announcing, radio acting, script and continuity writing, program building and directing. Prerequisite, Speech 41. Not offered in 1949-1950.

GEOGRAPHY AND GEOLOGY

LOWELL E. BINKLEY, *In Charge*

35 PRINCIPLES OF GEOGRAPHY. The general principles of the science including earth origins, the results of the dynamic geographical agencies tending to change its surface. Practical work in mineralogy, physiography and stratigraphy is required during the course. Three hours. M. W. F. 11:00.

36 HISTORICAL GEOLOGY. The history of the earth as revealed by its strata. Laboratory and field study of the common fossils and local formations. Three hours. M. W. F. 11:00.

51 or 52 GEOGRAPHY OF THE POST WAR WORLD. The political and social geography of the world with emphasis on the new map of Europe and Asia. Deals with natural and political boundaries, topography, chief products, cities, races, language, living standards and customs. Two hours. Not offered in 1949-1950.

HISTORY AND POLITICAL SCIENCE

CHANDLER SHAW, *Head of the Department*

AIMS: To present the origin and development of institutions and ideas and to point out the great traditions that are molding our thought and action today;

to gain a better perspective of our own political, economic and social structure and to be more aware of the nature and needs of contemporary life. The courses in political science are intended to acquaint the student with the political institutions and political problems in the United States and the world today.

REQUIREMENT FOR MAJOR: Not less than twelve semester hours in European history, twelve semester hours in American history and six hours in political science, chosen with the advice and consent of the head of the department.

REQUIREMENT FOR MINOR: Not less than eighteen hours approved by the head of the department. At least six hours must be in the upper division. A minor may be chosen in history, in political science or a combination of both.

EUROPEAN AND WORLD HISTORY

11 or 12 GREAT PERIODS OF WESTERN HISTORY. The political and cultural contributions of ancient Athens, the early Roman Empire, the Jews and Christians in Graeco-Roman times, the High Middle Ages, the Renaissance, the Reformation, the Age of the Great Despots and the Revolutionary Period in Europe. The course attempts to point out the enduring institutions, ideals and achievements of these periods especially as they throw light on an understanding of our own culture. Three hours.

Section 1, M. W. F. 8:00

Section 2, T. Th. S. 9:00

14 or 15 TWENTIETH CENTURY CIVILIZATION. The background of the present-day political and social structure of the United States and the world, together with a study of the great problems confronting our age. Attention will be given to the daily newspaper and current periodicals. Three hours.

Section 1, M. W. F. 9:00

Section 2, M. W. F. 10:00

51 MODERN EUROPEAN HISTORY I. The political and cultural history of Europe from 1789 to the late nineteenth century, including the development of science, industry, and modern thought. Three hours. M. W. F. 10:00.

52 MODERN EUROPEAN HISTORY II. The development of Europe in the late nineteenth and twentieth centuries. Three hours. M. W. F. 10:00.

53 HISTORY OF THE FAR EAST. A survey of the history and civilization of China, Japan, Korea, India, Thailand, French Indo-China, the Philippines and Indonesia. Three hours. T. Th. S. 10:00.

65 ANCIENT CIVILIZATION. The development of civilization in the Near East, Greece, and Rome. Three hours. M. W. F. 3:00.

66 THE MIDDLE AGES AND THE RENAISSANCE. European civilization and culture from the fifth to the sixteenth centuries. Three hours. M. W. F. 3:00.

69 THE HISTORY OF ENGLAND. English institutions and the English people from the ninth to the early twentieth centuries. Three hours. Not offered in 1949-50.

70 NAPOLEON TO STALIN. Lives and achievements of outstanding men and women of Europe and Asia in the last hundred and fifty years. Three hours. Not offered in 1949-50.

73 EARLY MODERN EUROPEAN HISTORY. The political and intellectual history of Europe from the early sixteenth century to 1789. Three hours. M. W. F. 9:00.

75 INTERNATIONAL RELATIONS, 1931-1945. The background and causes of World War II; the diplomacy of the war; the politico-economic problems of the home fronts; the significance of the war in world history. Three hours. M. W. F. 1:00.

76 INTERNATIONAL RELATIONS SINCE 1945. The international conferences, armistices, military occupations and treaties; the United Nations, rehabilitation; American foreign policy; Russia-American relations, and other significant problems of the atomic age. Three hours. M. W. F. 1:00.

A M E R I C A N H I S T O R Y

26 AMERICAN ECONOMIC HISTORY. (Economics 26.) For beginning students of economics, intended to provide the necessary historical background of present economic and business conditions with special emphasis on the economic development of the United States. Open to freshmen. Three hours. M. W. F. 2:00.

41-42 UNITED STATES HISTORY. The political, economic and social growth of America from the period of exploration to the present day. Three hours. M. W. F. 8:00.

63 TWENTIETH CENTURY AMERICA. American society during the progressive era and the period between the two World Wars, with emphasis on the development of the depression crisis, the domestic and foreign programs of the New Deal, America's intellectual life, and the coming of World War II. Three hours. T. Th. S. 9:00.

72 LATIN AMERICA. The history and culture of the peoples of Central and South America. The period since 1890 will be emphasized. Three hours. T. Th. S. 9:00.

77 THE DEVELOPMENT OF THE AMERICAN NATION. The political and economic evolution of the sectional conflict; the principal social problems and intellectual achievements of Americans from the years 1790-1865. Three hours. Not offered in 1949-50.

78 THE AGE OF BIG BUSINESS. The development of the American industrial system from 1865 to World War I and its impact upon American politics and culture. Three hours. Not offered in 1949-50.

79 or 80 WEST VIRGINIA HISTORY. See History 87-88. Two hours.

P O L I T I C A L S C I E N C E

55-56 AMERICAN GOVERNMENT AND POLITICS. The structure and functions of national, state and local governments in the United States. Emphasis on contemporary political problems and issues. A continuous course. Three hours. M. W. F. 2:00.

57 AMERICAN POLITICAL PARTIES AND PRESSURE GROUPS. Outstanding personalities and principal ideas shaping the American party system; the significance and contributions of third party movements; American innovations in party government; analysis of economic and social lobbying groups. Three hours. Not offered in 1949-50.

58. EUROPEAN DIPLOMACY. European Foreign Affairs from the 1870's to 1930; the formation of alliances; the causes and results of the First World War; imperialism and rivalries in Asia and Africa. Three hours. Not offered in 1949-50.

64 EUROPEAN AND ASIATIC GOVERNMENTS. The post-war political systems of the countries of Europe and Asia with considerable emphasis given to the constitution of Russia and to recent developments in the Orient. Three hours. M. W. F. 9:00.

67 GOVERNMENT AND LABOR. (Personnel Administration 68). The role of government in mediation, investigation and arbitration of labor disputes; regulatory and protective legislation; legislative and judicial appreciation of the economic, social and political problems involved. Reading and independent study. Prerequisite, Economics 65 and permission of the instructor. Three hours. M. W. F. 3:00.

73 ORIGINS OF AMERICAN DEMOCRACY. The ideas of the political thinkers of seventeenth and eighteenth century Europe who were most influential in shaping the American political tradition. Emphasis on the reading and critical evaluation of sources. Prerequisite, History 41-42 or Political Science 55-56, and the consent of the instructor. Three hours. Not offered in 1949-50.

74 AMERICAN FOREIGN RELATIONS. American foreign policy from the close of the Civil War to the present time; the implementation of the Monroe Doctrine; Latin American relations; the Open Door policy in the Orient, the two World Wars. Three hours. T. Th. S. 10:00.

78 AMERICAN POLITICAL AND SOCIAL THOUGHT. The principal contributions of American political ideology; impact of European thinkers on American ideas; evaluation of European criticisms of the American system. Emphasis on readings in sources. Prerequisite, Political Science 73 or consent of the instructor. Three hours. Not offered in 1949-50.

HISTORICAL METHODS AND PROBLEMS

83 SEMINAR IN HISTORY. Historical criticism and interpretation, sources and materials for the study of history. Permission to enroll given to upper

division students only. Required of all majors in History and Political Science. One hour. Hour to be arranged.

87-88 INDEPENDENT STUDY IN HISTORY. The field of study in history or political science may be selected by the student, subject to the approval of the Head of the Department. The requirements in West Virginia History for teachers certificates may be met by two credit hours in this course. One or two hours. Hours to be arranged.

91-92 HONORS COURSE. An advanced course in independent research and reading in history and political science. Permission to enroll given to superior upper division students only. One or two hours. Hours to be arranged.

JOURNALISM

E. E. ROBERTS, *Head of the Department*

AIMS: To provide background and some technical training for students preparing to do newspaper work or professional writing.

REQUIREMENT FOR MAJOR: Students who plan to prepare for journalism, professional writing or graduate study in journalism should elect the following sequence of courses: Journalism 53 and 63 and twelve additional semester hours in journalism; English 31-32 and six additional hours in English literature.

REQUIREMENT FOR MINOR: At least twelve hours in journalism and English 31-32.

53 REPORTING. Techniques and values in news reporting and news writing; emphasis upon learning to write clearly, forcefully and distinctively; writing of daily news stories, weekly features and all types of news copy. Three hours. T. Th. S. 9:00.

56 ADVANCED REPORTING. Make-up, re-write and copy desk procedure. Prerequisite, Journalism 53. Three hours. T. Th. S. 9:00.

63 FEATURES. Writing of twenty special features for magazines and trade journals—minimum of 35,000 words. Three hours. T. Th. S. 10:00.

64 ADVANCED FEATURES. The magazine field with the submission of features written for and submitted to specific magazines. Minimum for the course, 50,000 words. Prerequisite, Journalism 63. Three hours. M. W. F. 2:00.

65 ADVERTISING. Department store, financial and business advertising programs; buying motives, sales appeals, copywriting, research media and production. Three hours. M. W. F. 2:00.

66 HISTORY OF AMERICAN JOURNALISM. Journalistic backgrounds, development of American newspapers and magazines from colonial days to the present; a parallel study of advertising and advertising methods which have made modern American journalism possible. Prerequisite, Journalism 53 or Journalism 63. Three hours. M. W. F. 2:00.

71 RADIO AND PLAY WRITING. Modern plays and radio scripts with actual writing of radio scripts or one-act plays as the student may elect. Three hours. M. W. F. 10:00.

72 CONTEMPORARY REPORTING PROBLEMS. Reporting in specialized fields such as labor news, science and business news; a study of news releases and much actual writing in these fields. Three hours. M. W. F. 10:00.

73 ADVANCED FICTION. Intensive writing in some field of fiction selected by the student. Prerequisite, Journalism 71 or Journalism 72. Three hours. M. W. F. 11:00.

74 SHORT STORY. Narration and characterization as related to the writing of fiction; the writing of twenty short stories to be approved by the instructor. Three hours. M. W. F. 11:00.

91-92 HONORS COURSE. Advanced writing projects for senior students of marked ability and interest in the field of journalism. Registration with permission of the head of the department. One, two or three hours. Arranged.

LIBRARY SCIENCE

E. HUGH BEHYMER, *In Charge*

21 INTRODUCTION TO LIBRARIANSHIP. An overview of the field of librarianship, and library development with suggestion of opportunities for service which the library profession offers. Three hours. Not offered in 1949-50.

52 LIBRARY TECHNIQUE. Library organizations and routines; planned to familiarize the prospective library school student with the kind of work and the type of problems undertaken in the professional library school. A laboratory course. Prerequisite, Library Science 21. Three hours. Not offered in 1949-50.

MATHEMATICS

BRADFORD TYE, *Acting Head of the Department*

AIMS: To give the prospective teacher an understanding and appreciation of the fundamental ideas of elementary mathematics; to provide the general student with a knowledge of the mathematical foundation of our civilization; to provide a tool for the technical student; and to give the prospective graduate student a proper foundation for later study and research.

REQUIREMENT FOR MAJOR: A minimum of twenty-four hours in mathematics, including Mathematics 31-32, and at least twelve upper division hours. The upper division courses should include Mathematics 53-54. Students interested in science and engineering should elect Mathematics 71-72. Students interested in economics should elect Mathematics 57 and 58. Students interested in mathematics as a teaching subject should elect Mathematics 55 and 56. Two courses in the department should be taken in the senior year.

REQUIREMENT FOR MINOR: A minimum of eighteen hours in mathematics, including Mathematics 31-32 and six hours in upper division courses.

11 MATHEMATICAL ANALYSIS. Plane trigonometry, logarithms and the slide rule; linear and quadratic equations; inequalities, progressions and binomial theorem; mathematical induction; analytical geometry of the straight line; determinants. Three hours. M. W. F. 8:00; T. Th. S. 9:00.

Students enrolling in this course who rank low in the mathematics achievement test for freshmen will be required to attend a special laboratory section until their deficiency is corrected. T. Th. 1:00.

12 MATHEMATICAL ANALYSIS. Polar coordinates; DeMoivre's theorem; theory of equations; permutations and combinations; the analytical geometry of second degree curves; quadratic surfaces; applications of analytical methods and an introduction to the derivative. Prerequisite, Mathematics 11 or three units of mathematics at the secondary school level, including trigonometry and high standing in mathematics achievement test for freshmen. Three hours. M. W. F. 8:00; T. Th. S. 9:00.

14 MATHEMATICAL ANALYSIS. Same course as Mathematics 11, offered second semester. M. W. F. 11:00.

21-22 ENGINEERING DRAWING. Free-hand lettering; orthographic projection, including sections and auxiliary views; dimensioning; isometric and oblique projections with emphasis on working drawings. Standard symbols and conventions. Ink and pencil tracings. Three hours. Not offered 1949-1950.

24 PLANE SURVEYING. Care and use of surveying instruments; field problems; computations and mapping. One hour class and four hours field work each week. Three hours. T. Th. 1:00; Lab. T. or Th. 2:00-5:00.

27 DESCRIPTIVE GEOMETRY. Principles of projections; non-metric and metric problems; plane sections and developments; intersections of surfaces; construction of perspective drawings. This course achieves an effective correlation between descriptive and analytic geometry by presenting both methods, the graphic and the algebraic. Three hours. T. Th. 2:00-4:00.

31-32 DIFFERENTIAL AND INTEGRAL CALCULUS. Technique of differentiation and integration with applications and an introduction to infinite series. A continuous course. Prerequisite, Mathematics 11-12. Three hours. T. Th. S. 8:00.

52 MECHANICS. (Physics 52) A treatment of classical mechanics with application of principles and a brief consideration of wave mechanics. Prerequisite, Physics 31-32 and Mathematics 31-32. Three hours. Not offered 1949-1950.

53-54 ADVANCED CALCULUS. Theory of the derivative and the integral; partial differentiation and its applications; Freen's and Stokes's theorems; power series and Fourier series. Prerequisite, Mathematics 31-32. Three hours. Not offered 1949-1950.

55 INTRODUCTION TO HIGHER ALGEBRA. Theory of equations; solution of cubic, quartic and numerical equations; complex numbers and an

introduction to the fundamental concepts of algebra—class, group, field, number. Prerequisite, Mathematics 31-32. Three hours. T. Th. S. 10:00.

56 INTRODUCTION TO MODERN GEOMETRY. Euclidean and non-Euclidean geometries; an introduction to synthetic projective geometry; the concept of limit and infinity; geometrical constructions, recent developments and theorems. Prerequisite, Mathematics 31-32. Three hours. T. Th. S. 10:00.

57 MATHEMATICS OF STATISTICS. Frequency distributions; measures of central tendency; dispersion and correlation; regression equations and the theory of probability. Prerequisite, Mathematics 11-12. Three hours. Not offered 1949-1950.

58 MATHEMATICS OF FINANCE AND INVESTMENT. The operation of interest in annuities; amortization of debts and sinking funds; valuation of bonds; the experience table and calculation of premiums for life insurance. Prerequisite, Mathematics 11-12, Economics 43-44. Three hours. Not offered 1949-1950.

59 ADVANCED ANALYTICAL GEOMETRY. Advanced methods and problems of analytic geometry of two and three dimensions including loci; the general equation of the second degree; Euclidean transformations; poles and polars; quadric surfaces; determinants. Prerequisite, Mathematics 31-32. Three hours. Not offered 1949-1950.

71 DIFFERENTIAL EQUATIONS. Methods of solution of ordinary differential equations and their applications to the physical sciences. Prerequisite, Mathematics 31-32. Three hours. M. W. F. 10:00.

72 APPLIED MATHEMATICS. Application of ordinary and partial differential equations to problems in physics, chemistry and electricity; vibrating string and heat flow problems; Vector calculus and applications. Prerequisite, Mathematics 71. Three hours. M. W. F. 10:00.

83-84 SEMINAR IN MATHEMATICS. Special reports prepared and presented by the student under supervision. The work of the second semester will help prepare the student for the comprehensive examination. Required of all major students in the senior year. One hour. S. 11:00.

85-86 METHODS AND MATERIALS IN TEACHING MATHEMATICS. Approved methods in teaching mathematics at the secondary level; class period activities of the teacher; procedures and devices in teaching; organization of materials, testing, aims and modern trends. Open only to juniors and seniors who expect to teach. Two or three hours. Not offered in 1949-1950.

87 or 88 INDEPENDENT STUDY. Advanced work and independent study in a field of the student's choice and carried out under supervision of instructor. Open to qualified students by special permission. Two or three hours. Arranged.

91 or 92 HONORS COURSE. Advanced work and independent study. Open to seniors of unusual ability with permission of the head of the department. One or two hours. Arranged.

MODERN LANGUAGES

EARL D. MCKENZIE, *Head of the Department*

AIMS: To introduce students to the language, literature and culture of France, Germany and the Spanish speaking countries; to provide training in reading facility for students who are interested in scientific or historical study requiring the language as a "tool subject"; and to give adequate training in language, literature and expression to students who are preparing to be teachers, translators or representatives in foreign service.

REQUIREMENT FOR A MAJOR IN FRENCH: Twenty-four hours in French, not including French 11-12, with eighteen hours in upper division courses plus a reading knowledge of German or Spanish. Students expecting to teach French must complete Modern Languages 85. History 51 and 52 are recommended.

REQUIREMENT FOR A MAJOR IN GERMAN: Twenty-four hours in German, not including German 11-12, with eighteen hours in upper division courses plus a reading knowledge of French or Spanish. Students expecting to teach German must complete Modern Languages 85. History 51 and 52 are recommended.

REQUIREMENT FOR A MAJOR IN SPANISH: Twenty-four hours in Spanish, not including Spanish 11-12, with eighteen hours in the upper division courses plus a reading knowledge of German or French. Students expecting to teach Spanish must complete Modern Languages 85. History 51, 52 and 72 are recommended.

REQUIREMENT FOR A MAJOR IN MODERN LANGUAGES: A minimum major in one of the languages offered in the department, a minor in a second language and a reading knowledge of the third. Modern Languages 71 is required of all Modern Language majors.

REQUIREMENT FOR A MINOR IN FRENCH, GERMAN OR SPANISH: At least eighteen hours in the same language.

NOTE: Students who have studied French, German or Spanish before entering college will be given an achievement test at the beginning of the freshman year. Those showing required proficiency will be enrolled in French 31-32, German 31-32, or Spanish 31-32; those of superior attainments may enter a course in the upper division with permission of the head of the department.

F R E N C H

11-12 FIRST YEAR FRENCH. Fundamentals of grammar, pronunciation and composition; emphasis on reading. Two hours per week spent on oral training, in addition to work for credit. For students who have no acquaintance with the language. Three hours. Section 1, T. Th. S. 10:00; Section 2, M. W. F. 10:00.

31-32 INTERMEDIATE FRENCH. Grammar review, composition, dictation, intensive and extensive reading; emphasis on reading. Prerequisite, French 11-12 or a satisfactory standing in an achievement test. Three hours.

Section 1, M. W. F. 1:00

Section 2, T. Th. S. 8:00

51-52 CONVERSATION AND COMPOSITION. Prose composition, syntax and phonetics; dictation, conversation, recordings. Prerequisite, French 31-32 or permission of the head of the department. Two hours. M. W. 1:00.

55-56 MODERN DRAMA. French drama since the seventeenth century. Conducted in French. Prerequisite, a reading knowledge of French. Three hours. M. W. F. 9:00.

61-62 NOVEL. The French novel from its beginning to the twentieth century. Conducted in French. Prerequisite, a reading knowledge of French. Three hours. Not offered in 1949-1950.

65-66 HISTORY OF FRENCH LITERATURE. Survey of French literature from the early periods to the present time. Readings in French from an anthology. Prerequisite, a reading knowledge of French. Three hours. T. Th. S. 9:00.

71 SEVENTEENTH CENTURY DRAMA. Study of the plays of Corneille, Racine and Moliere, as representatives of the classical spirit in France. Conducted in French. Prerequisite, a reading knowledge of French; French 65-66 is recommended. Not offered in 1949-1950. Three hours.

72 NINETEENTH CENTURY POETRY. Study of schools of poetry. Romanticism, Parnassian, Symbolism. Conducted in French. Prerequisite, a reading knowledge of French. French 65-66 is recommended. Three hours.

91 or 92 HONORS COURSE. Independent study in the field of French literature or linguistics. Open only to advanced students majoring in French. One or two hours. Hours to be arranged.

G E R M A N

11-12 FIRST YEAR GERMAN. Fundamentals of pronunciation, grammar, reading and composition. Two hours per week spent in oral training, in addition to work for credit. For students who have no acquaintance with the language. Three hours.

Section 1, M. W. F. 8:00

Section 2, T. Th. S. 9:00

31-32 INTERMEDIATE GERMAN. Grammar review, composition, dictation, intensive and extensive reading. Special emphasis on outside reading in student's major or minor field. Prerequisite, German 11-12 or equivalent. Three hours.

Section 1, M. W. F. 10:00

Section 2, M. W. F. 11:00

51-52 CONVERSATION AND COMPOSITION. Practical conversation, study of syntax, prose, composition and dictation. Registration with the permission of the head of the department. Two hours. T. Th. 10:00.

57-58 NINETEENTH CENTURY. Reading and critical study of the nineteenth century, especially Kleist, Hebbel, Heine, Keller and others; special emphasis on the drama and the Romantic school. Outside readings and reports. Conducted in German. Prerequisite, a reading knowledge of German. Three hours. Not offered in 1949-1950.

65-66 HISTORY OF GERMAN LITERATURE. German literature from the Hildebrandslied to the twentieth century. Conducted in English. A reading knowledge of German is desirable but not required. Three hours. Not offered in 1949-1950.

67-68 EIGHTEENTH CENTURY. Readings of the works of Lessing, Goethe and Schiller. Conducted in German. Prerequisite, a reading knowledge of German. Three hours. Hours to be arranged.

91-92 HONORS COURSE. Selected areas in the field of German literature and science. Open to advanced students of superior ability. Registration only with permission of the head of the department. Two hours. Hours to be arranged.

S P A N I S H

11-12 FIRST YEAR SPANISH. Fundamentals of pronunciation, grammar, reading and composition. Two hours per week spent in oral training, in addition to work for credit. For students who have no acquaintance with the language. Three hours.

Section 1, M. W. F. 9:00

Section 2, T. Th. S. 8:00

Section 3, T. Th. S. 10:00

31-32 INTERMEDIATE SPANISH. Grammar, oral work and reading. Practice in dictation, writing and speaking. Reading of modern prose and plays. Prerequisite, Spanish 11-12 or equivalent. Three hours.

Section 1, T. Th. S. 9:00

Section 2, M. W. F. 9:00

Section 3, M. W. F. 1:00

51 CONVERSATION. Conversation, dictation, recordings and composition. Prerequisite, Spanish 31-32 or permission of the head of the department. Three hours. M. W. F. 10:00.

52 COMMERCIAL SPANISH. Study of business and commercial Spanish. Prerequisite Spanish 31-32 or permission of the head of the department. Three hours. M. W. F. 10:00.

61-62 SURVEY OF SPANISH LITERATURE. A general survey of Spanish and Spanish-American literature. Literary masterpieces by representative authors of the classical period, the nineteenth century and contemporary literature. Lectures, readings of representative works and reports. Prerequisite, Spanish 31-32 or permission of the head of the department. Three hours. Not offered in 1949-1950.

71-72 SPANISH LITERATURE OF THE NINETEENTH CENTURY. Development of the drama and novel of the nineteenth century through works of such dramatists as los Quinteros and Benaventa and such novelists as Alaton,

Pereda, Perez Galdos and Palacio Valdes. Conducted in Spanish. Three hours. M. W. F. 2:00.

91-92 HONORS COURSE. Individual research work for advanced students of superior ability. Permission of head of department. One or two hours. Hours to be arranged.

MODERN LANGUAGES

71 LINGUISTIC DEVELOPMENT OF MODERN LANGUAGES. An introduction to comparative philology. The development of English, French, German and Spanish from the Indo-European to modern times. Required of all Modern Languages majors. Open to other students with the permission of the instructor. Three hours. Hours to be arranged.

83 or 84 SEMINAR FOR MAJOR STUDENTS. Intensive integrated study in major field. Geography, History, Government, Education, Science, Press, Art and Music of French, German, or Spanish speaking countries. Two hours. Hours to be arranged.

85 or 86 METHODS AND MATERIALS IN TEACHING MODERN LANGUAGES. Study of methods, classroom materials, extra-curricular activities necessary for the teacher of French, German or Spanish. Two hours. Hours to be arranged.

87 or 88 INDEPENDENT STUDY. Students may carry on study on projects approved by head of department. Two or three hours. Hours to be arranged.

MUSIC

GEORGE K. HAUPTFUEHRER, *Acting Head of the Department*

AIMS: To provide opportunity for students to develop an understanding and appreciation of music as a part of general education; to provide a well-balanced pre-professional curriculum for students who intend to become professional musicians; to provide an adequate program of study leading to certification for public school music teaching and supervision; to provide opportunity for students to participate in musical groups as a recreational-cultural activity.

REQUIREMENTS FOR MAJOR: At least twenty-four hours in the department including twelve upper division hours, following a sequence approved by the head of the department.

REQUIREMENT FOR MINOR: At least eighteen hours in the department with a sequence of courses to be approved by the head of the department.

LITERATURE AND THEORY OF MUSIC

11-12 EAR TRAINING AND SIGHT SINGING. Tonal relationships, simple rhythms, intervals, melodies in both major and minor modes; designed to give the student the ability to recognize, reproduce and record simple melodic and rhythmic patterns; a foundation for all subsequent theory courses. Three hours. T. Th. S. 9:00.

23-24 HARMONY I AND II. Major and minor keys, related keys, triads and chords of the seventh and their inversions in four-part writing; the use of non-harmonic material; cadences; modulation; harmonization of a given melody, and analysis of certain of the Bach Chorales. *A continuous course.* Prerequisite, Music 11 or the permission of the instructor. Three hours. M. W. F. 9:00.

31-32 MUSIC APPRECIATION. Designed to give the layman an overview of the field of music, leading to an appreciation and enjoyment of the world's great music. Requires no technical background. Three hours. M. W. F. 2:00.

35-36 ADVANCED EAR TRAINING AND SIGHT SINGING. Tonal relationships, including chromatics, syncopated and difficult rhythms; recognition of harmonic progressions, including simple modulations. *A continuous course.* Prerequisite, Music 11-12, or permission of the instructor. Two hours. T. Th. 10:00.

53 HARMONY III. Part-writing, using chromatic harmony, modulation, chords up to the thirteenth; the elements of keyboard harmony; some original writing. Prerequisite, Music 23-24, or permission of the instructor. Three hours. M. W. F. 10:00.

54 COUNTERPOINT. The principles of contrapuntal harmonization in two, three and four parts; the practical application of counterpoint in the form of invention. Prerequisite, Music 51, or permission of the instructor. Three hours. M. W. F. 10:00.

55 FORM AND ANALYSIS. The structure and style of music in the baroque, classic, romantic and modern periods with emphasis upon developing analytic methods which can be applied to all music. Prerequisite, Music 51 or permission of the instructor. Three hours. Not offered in 1949-50.

56 ORCHESTRATION. The beginning principles of instrumentation and orchestration, including a thorough understanding of transposing instruments; the problems of writing for such groups of instruments as are most commonly found in the average school or community orchestra. Prerequisite, Music 51. Three hours. Not offered in 1949-50.

61-62 MUSIC HISTORY. The historical significance of the main periods and types of music. Requires no technical background. *A continuous course.* Two hours. T. Th. 1:00.

75 CONDUCTING. The technique of the baton and the different problems to be met in conducting chorus, orchestra and band; the introduction to score reading; an opportunity for practical experience through the conducting of the college choral and instrumental groups. Offered only to advanced students. Two hours. M. W. 11:00.

79-80 INSTRUMENTAL TECHNIQUE IN THE PUBLIC SCHOOLS. The principles, problems and materials for teaching instrumental music in the public schools. Development of the ability to play simple music on at least one representative instrument of each choir of the orchestra. Three hours. M. W. F. 1:00.

84 SEMINAR. Survey and review of the field of music: its history, theory and literature. Required of all music majors in their senior year. One hour. Arranged.

85 METHODS AND MATERIALS IN TEACHING MUSIC IN THE ELEMENTARY SCHOOLS. Consideration of the aims and values of elementary school music with opportunities to develop teaching confidence and skill through laboratory teaching in an elementary school. Three hours. Not offered in 1949-1950.

86 METHODS AND MATERIALS IN TEACHING MUSIC IN THE SECONDARY SCHOOLS. Analysis of music offered in high and junior high schools throughout the United States. Consideration of problems, objectives and materials in teaching vocal and instrumental music, theory and appreciation courses in the secondary schools. Opportunities for developing practical teaching projects. Three hours. Not offered in 1949-1950.

87-88 INDEPENDENT STUDY IN MUSIC. For students who wish to investigate fields in music in which no specific course is offered. This may be a project in composition, musicology or music pedagogy. One or two hours. Arranged.

91-92 HONORS COURSE. Independent study in special fields of music or creative work of an advanced nature. Open only to superior upper division students majoring in the department. One or two hours. Arranged.

A P P L I E D M U S I C

15b-16b BAND. Study and performance of standard band repertoire. Frequent public appearances. One hour. T. Th. 4:00.

15c-16c CHOIR. A study of choral literature and rendition of cantatas, oratorios and selected numbers of recognized merit. Regular public appearances. One hour. M. Th. 7:00.

15g-16g GIRLS' CHORUS. The study and performance of choral literature for female voices, with occasional public appearances. One hour. W. 7:00 to 9:00.

15m-16m MALE CHORUS. The study and performance of concert repertoire for male voices. Membership is limited; admission by try out. One hour. W. 7:00 to 9:00.

15o-16o ORCHESTRA. The study and performance of standard orchestral literature with frequent public performances. 1 hr. M. W. 4:00.

21o-22o ORGAN. Technique, theory and literature of the organ. Open to all students who have had some training in either piano or organ. Private lessons. One or two hours. Arranged.

21p-22p PIANO. Literature and technique of piano playing designed to develop in the students a discriminating appreciation of fine music and fine musical performance. Private lessons. One or two hours. Arranged.

21s-22s STRINGS. Private lessons in violin, viola, cello or bass. Course open to beginners as well as students with previous training. One or two hours. Arranged.

21v-22v VOICE. Vocal technique, theory and literature. Open to all students who have adequate native ability with or without previous vocal training. Private lessons. One or two hours. Arranged.

21w-22w WIND INSTRUMENTS. Private lessons in basic brass and woodwind instruments. Open to beginners as well as students with previous training. One or two hours. Arranged.

51o-52o ADVANCED ORGAN. Open only to students who can demonstrate satisfactorily their ability to play compositions equivalent in difficulty to the following: Bach—G minor, Fuge, (The Little), D minor Toccata and Fugue; or Widor—Toccata from Symphony V. Private lessons. One or two hours. Arranged.

51p-52p ADVANCED PIANO. Open only to more advanced students who can demonstrate satisfactorily their ability to perform compositions equivalent in difficulty to the following: Beethoven Op. 27 No. 2; Bach—Preludes and Fugues Nos. 2 and 21 (Vol. 1) and will be expected to perform in public recitals from time to time. Private lessons. One or two hours. Arranged.

51s-52s ADVANCED STRINGS. Open only to students who are able to play satisfactorily, music equivalent in difficulty to the Kreutzer Etudes and DeBeriot Concertos for violin. Public performance required. Private lessons. One or two hours. Arranged.

51v-52v ADVANCED VOICE. Open only to students who have completed four semesters of voice study, can read at sight, have adequate use of at least one modern foreign language, and can demonstrate the ability to perform numbers equivalent in difficulty to standard operatic and lieder literature. Public performance required. Private lessons. One or two hours. Arranged.

51w-52w ADVANCED WIND INSTRUMENTS. Open only to students who are able to play satisfactorily music equivalent to the difficulty of the Klose Book II or Lazarus Book III for Clarinet. Public performance required. Private lessons. One or two hours. Arranged.

NOTE: Applied music courses may be repeated for full credit. Only twelve semester hours of work in Applied Music can be applied toward meeting the minimum requirements for the baccalaureate degree.

PERSONNEL ADMINISTRATION

FORREST H. KIRKPATRICK, *In Charge*

65 LABOR PROBLEMS. The position of the wage earner in modern industrial society; policies, methods and objectives of organized labor; meaning and determinants of labor supply and employment; sub-standard workers; quest for security; union recognition; social and economic objectives of industrial democracy. Prerequisite, Economics 43-44. Three hours. M. W. F. 3:00.

66 PERSONNEL MANAGEMENT. Procedures, activities and evaluation of personnel management and industrial relations in business and industry; selection and placement; job analysis and evaluation; training and promotion; job satisfaction; wage theory and procedures; manpower utilization; labor-management relations. This course presupposes some knowledge of psychology and statistical method. Three hours. Not offered in 1949-1950.

68 GOVERNMENT AND LABOR. The role of government in mediation, investigation and arbitration of labor disputes; regulatory and protective legislation; legislative and judicial appreciation of the economic, social and political problems involved. Reading and independent study. Prerequisite, Economics 65 and permission of instructor. Three hours. M. W. F. 3:00.

PHILOSOPHY

HARRY L. ICE, *In Charge*

53-54 HISTORY OF PHILOSOPHY. Western philosophical thought from the seventh century B. C. to modern times. The first semester will be devoted to a study of ancient and medieval philosophies. The second semester will begin with the Renaissance. Three hours. M. W. F. 1:00.

55 REFLECTIVE THINKING. Deductive and inductive reasoning; practice in the detection of logical fallacies. Three hours. Not offered in 1949-1950.

56 ETHICS. The theory of the moral life as developed in the history of western thought and applied to personal and social problems. Three hours. Not offered in 1949-1950.

61-62 PLATO. The philosophy of Plato and its influence on ancient and modern thought and culture. Prerequisite, Philosophy 53-54. Three hours. Not offered in 1949-1950.

63-64 PHILOSOPHY OF RELIGION. The roots of religious experience, religious beliefs and practices such as the idea of God, immortality, prayer and the church; Humanism, Neo-Thomism. The approach is philosophical rather than theological. Three hours. M. W. F. 3:00.

68 PROBLEMS OF PHILOSOPHY. Five or six of the major problems of knowledge and existence as developed in the writings of great philosophers ranging from Plato to modern times. Prerequisite, Philosophy 53-54. Three hours. M. W. F. 3:00. Offered second semester.

72 CONTEMPORARY PHILOSOPHY. Western philosophical thought since 1900. Prerequisite, Philosophy 53-54. Three hours. Not offered in 1949-1950.

PHYSICAL EDUCATION AND HEALTH

J. J. KNIGHT, *Head of the Department*

AIMS: To promote the health education and physical development of the student; to provide opportunities for students to participate in and secure a

reasonable degree of proficiency in recreational activities; and to train physical education and play leaders for educational, industrial and community situations.

REQUIREMENT FOR MAJOR. A minimum of thirty hours which should include the following courses: Physical Education 15 or 16, 37, 67 or 68, 77-78, 83-85, Sociology 31, Psychology 31-32, Education 31-32, are recommended.

REQUIREMENT FOR MINOR. A minimum of twenty hours in the department with a sequence of courses approved by the head of the department.

REQUIREMENT FOR ALL STUDENTS. Freshmen: Physical Education 11-12 is required. Physical Education 15 or 16 may be elected in the freshman or sophomore year or Biology 11 may be offered as a substitute. Sophomores: Physical Education 35-36 is required of all students, but permission may be granted to substitute equivalent hours from Physical Education 31-32, 37, 38, 41-42, 43, 44, 51-52 or work in varsity athletics.

Physical Education 15 or 16 is to be taken before the end of the sophomore year. A season's work in varsity athletics, i. e. football, basketball, track, baseball and tennis, is credited with one hour of physical education, provided proper course registration is made. Only two physical education hours may be obtained through varsity athletics.

GRADUATION. All students are required to present six hours of credit in physical education for graduation, which must include Physical Education 11-12, 35-36 or approved substitute courses and Physical Education 15 or 16 or its substitute.

Not more than a total of four hours credit toward graduation will be allowed from courses 11-12, 35-36 and varsity athletics.

All students will be required to pass a swimming achievement test prior to graduation. Students who are physically unfit as certified by the college physician may petition to be allowed to substitute hours in other courses in lieu of activity courses in physical education. Students who are not candidates for a degree may be exempt from the requirement of physical education. Any petition for exemption from physical education should be addressed to the committee on Admissions and Classifications.

11-12 FRESHMAN PHYSICAL EDUCATION. The techniques and rules of a wide variety of team sports. An activity course. Three periods per week. Required of all freshmen. No tuition charge for this course.

WOMEN

Section 1, M. W. F. 9:00

Section 2, M. W. F. 1:00

Section 3, T. Th. S. 9:00

MEN

Section 1, M. W. F. 9:00

Section 2, M. W. F. 1:00

Section 3, T. Th. S. 9:00

15 or 16 PERSONAL HYGIENE. Fundamental knowledge of personal hygiene and how the health of the individual may be conserved. No tuition charge for this course. Two hours. T. Th. 1:00.

NOTE: Students who have successfully passed Biology 11, or who have shown on a comprehensive test that they possess a satisfactory knowledge of health rules and practices, may be permitted to substitute two hours of academic work for this requirement.

31-32 TAP AND CHARACTER DANCING. Elementary tap steps and combinations working up to finished routines and dances. An activity course. Two periods per week. One hour. T. Th. 3:00.

34 OUR OUTDOORS. (Biology 34). Field study of man's natural environment from the standpoint of geology and biology. Estimated cost of the course to the student exclusive of tuition, including field trips, food and incidentals: \$5.00 to \$8.00. Enrollment limited to fifteen. Not open to freshmen. One hour. Hour to be arranged.

35-36 SOPHOMORE PHYSICAL EDUCATION. Individual sports; planned for sophomores who desire to elect a general recreation course. An activity course. Three periods per week. No tuition charge for this course. One hour.

WOMEN

Section 1, M. W. F. 11:00
Section 2, M. W. F. 2:00
Section 3, T. Th. S. 10:00

MEN

Section 1, M. W. F. 11:00
Section 2, M. W. F. 3:00
Section 3, T. Th. S. 10:00

37 ELEMENTARY SWIMMING. Instruction for beginners in buoyancy and floating. Preliminary tests for swimming and such strokes as elementary back, side, and crawl. An activity course. Three periods per week. One hour.

WOMEN

M. W. F. 3:00

MEN

M. W. F. 2:00

38 ADVANCED SWIMMING. Correct form of the more advanced strokes as the trudgen, American crawl, racing back and breast, diving and lifesaving. An activity course. Three periods per week. Prerequisite, Physical Education 37 or equivalent. One hour.

WOMEN

M. W. F. 3:00

MEN

M. W. F. 2:00

41-42 FOLK DANCING. Folk dancing from many countries. English and American country dances studied during the first semester and European folk dances during the second semester. An activity course. Two periods per week. One hour. T. Th. 2:00.

43 TUMBLING STUNTS. Begins with individual stunts and advances to more intricate work. An activity course. Two periods per week. One hour. T. Th. 2:00.

44 GYMNASTICS AND APPARATUS. Various gymnastic systems and practice in apparatus. An activity course. Two periods per week. One hour. T. Th. 2:00.

46 COMMUNITY HYGIENE. Health matters pertaining to the social group; communicable diseases, vital statistics; legal and social regulations relating to personal and community health. T. Th. 1:00.

47-48 THEORY AND PRACTICE OF TEAM SPORTS. Intensive practice with opportunity for officiating in team sports for men and women. Two hours. Hours to be arranged.

50 SOCIAL DANCING. Instruction in the modern social dance steps. Two periods per week. One hour. T. Th. 1:00.

51-52 MODERN DANCING. Contemporary dancing, emphasizing the use of the fundamental expressive movements in creative work. An activity course. Two periods per week. One hour. M. W. 10:00.

53 COACHING FOOTBALL. Fundamentals, offensive and defensive styles of play, rules of the game and officiating. Two hours. T. Th. 9:00.

54 COACHING BASKETBALL. Fundamentals, offensive and defensive styles of play, rules, officiating and the place of basketball in the intramural program. Two hours. T. Th. 9:00.

56 BASEBALL, TRACK AND FIELD. Strategy and fundamentals of baseball, track and field. Two hours. Not offered in 1949-1950.

57 COMMUNITY RECREATION. The philosophy of American recreation and community organization for leisure time activities. Three hours. M. W. F. 10:00.

58 RECREATION LEADERSHIP. Recreational activities; practice in the administration of games, playground activities and handicrafts. Three hours. M. W. F. 10:00.

59 PREVENTION AND CARE OF INJURIES. Common hazards of play and athletics; preventative measures and treatment of injuries. Red Cross First Aid Certificate may be earned by those who pass the examination. Two hours. T. Th. 1:00.

61 INTRAMURAL SPORTS. Organization, administration and objectives of the intramural program of athletics. Two hours. M. W. 1:00.

62 TESTS AND MEASUREMENTS IN PHYSICAL EDUCATION. Methods used in evaluating outcomes of the physical education program. Three hours. M. W. F. 1:00.

67 PHYSIOLOGY. (Biology 67). Structure and functions of the human body; the mechanism of bodily movements, responses, reactions and various physiological states. Prerequisites, Biology 11-12 and 35 or 36. Three hours. M. W. F. 10:00.

70 KINESIOLOGY. Fundamental body movements and their relation to body development and efficiency. Prerequisite, Biology 36 and 67 or 68. Three hours. Not offered in 1949-1950.

71 THE TEACHING OF HEALTH. Methods and subject matter used in teaching hygiene to students. Three hours. M. W. F. 2:00.

72. CORRECTIVE GYMNASTICS AND NORMAL DIAGNOSIS. Variations of the normal types of the human organism, at different age levels; therapeutic measures, especially those which refer to the correction of mechanical defects. Prerequisite, Biology 36 and 67 or 68. Three hours. M. W. F. 2:00.

74 ORGANIZATION AND ADMINISTRATION OF PHYSICAL EDUCATION. Administrative relationships and procedures in the conduct of physical education. Three hours. M. W. F. 10:00.

75-76 THEORY AND PRACTICE OF INDIVIDUAL SPORTS. Intensive practice in badminton, handball, archery, tennis, golf and lifesaving with a study of the rules of each and of methods used in teaching. Two hours. T. Th. 2:00.

77 HISTORY OF PHYSICAL EDUCATION. Development of physical education from ancient time to the present. Two hours. T. Th. 10:00.

78 PRINCIPLES OF PHYSICAL EDUCATION. Principles basic to a program of physical education in the modern educational system. Three hours. M. W. F. 11:00.

79 PHYSIOLOGY OF EXERCISE. Physiological reactions resulting from physical activity. Prerequisite, Physical Education 67 or 68. Two hours. M. W. 11:00.

83 SEMINAR IN PHYSICAL EDUCATION. A survey of the field of health and physical education and the current literature relating to investigations in the field. Prerequisites, Physical Education 78 and 67 or 68. Open only to upper division students. Required of all physical education majors. One hour. T. 3:00.

85 METHODS AND MATERIALS IN TEACHING HEALTH AND PHYSICAL EDUCATION. Methods, materials and techniques pertinent to the teaching of health and physical education. Prerequisites, Physical Education 15 or 16, 46 and 67 or 68. Three hours. M. W. F. 9:00.

91-92 HONORS COURSE. For advanced students of superior ability in physical education who can undertake special problems for study or who are prepared to develop and project a program. One or two hours. Hours to be arranged.

PHYSICAL SCIENCE

LOWELL E. BINKLEY, *In Charge*

11-12 PHYSICAL SCIENCE. A survey of the fields of astronomy, geology, physics and chemistry for students not planning to major in science. Three hours. M. W. F. 8:00.

PHYSICS

J. S. V. ALLEN, *Head of the Department*

AIMS: To introduce the field of physics to the general student; to teach the fundamentals of the science of physics to students who are training themselves for such professions as medicine, optometry, engineering and the teaching of physics; and to familiarize students expecting to enter graduate school with some of the more advanced materials in physics.

REQUIREMENT FOR MAJOR: A minimum of twenty-four hours in physics is required. Students interested in science and engineering should elect Physics 52. Physics 91-92 and a reading knowledge of German and French are recommended for students expecting to do graduate work. A minor in mathematics or chemistry is strongly recommended.

REQUIREMENT FOR MINOR: A minimum of eighteen hours in physics including six hours in upper division work. Mathematics 11-12 and Mathematics 31-32 should be elected.

21 ELEMENTS OF RADIO. Radio theory and practice; construction of oscillators, amplifiers and receivers. Three hours. Lec. T. Th. 9:00; Lab. M. 2:00-4:00.

31-32 GENERAL PHYSICS. First semester: mechanics, sound and heat. Second semester: magnetism, electricity and light. A continuous course. A fundamental course which is a prerequisite to all advanced physics courses. Prerequisite, Mathematics 11 or its equivalent. Four hours. Lec. M. W. F. 11:00; Lab. T. or F. 2:00-4:00.

38 MODERN PHYSICS. The modern applications of physics; spectroscopy, radiation, wave mechanics, electronics and nuclear physics; specific topics included are the electron microscope, radar, the cyclotron, and atomic power. Prerequisite, Physics 31-32. Three hours. T. Th. S. 9:00.

52 MECHANICS. A treatment of classical mechanics with application of principles and a brief consideration of wave mechanics. Prerequisite, Physics 31-32 and Mathematics 31-32. Three hours. Not offered in 1949-1950.

54 ADVANCED LIGHT AND PHYSICAL OPTICS. Theories of light, reflection, refraction, interference, diffraction, polarization, geometrical optics, optical instruments, vision and spectroscopy. Prerequisites, Physics 31-32 and Mathematics 31-32. Three hours. M. W. F. 8:00.

55-56 LABORATORY IN ADVANCED PHYSICS. Supplementary to any of the upper division physics courses. Registration with permission of the head of the department. One or two hours. M. or F. afternoon.

63 ELECTRICITY AND MAGNETISM. Electrostatics and magnetics, electro-chemistry, circuit theory and electrical machinery; a consideration of the theoretical and practical applications of electricity and magnetism. Prerequisites, Physics 31-32 and Mathematics 31-32. Three hours. Not offered in 1949-1950.

66 RADIO. The theory of radio, carrier-current communication, radar and television. Prerequisite, Physics 31-32. Three hours. Not offered in 1949-50.

67-68 SPECTROSCOPIC ANALYSIS. Use of the E-1 Hilger Spectograph and auxiliary equipment for analytical work; original research and possible publication of the results. Registration with permission of the head of the department. One hour. Hours to be arranged.

69 HEAT. Temperature. colorimetry, expansion, conductivity, change of state and radiation; thermodynamics and kinetic theory. Prerequisites, Physics 31-32 and Mathematics 31-32. Three hours. M. W. F. 8:00.

75 ELECTRONICS. Electronics concerned with thyratrons, igitrons, converters, inverters and industrial control circuits. Prerequisite, Physics 31-32. Three hours. Not offered in 1949-1950.

85 or 86 METHODS AND MATERIALS IN TEACHING PHYSICS. Methods and practice in classroom presentation and laboratory supervision. Collateral reading and reports on the history of physical science. Required of all students expecting to teach physics. Two or three hours. Not offered in 1949-1950.

87-88 INDEPENDENT STUDY. Readings, experiments and investigations in radioactivity, spectroscopy, radio and electronics or in the field of the student's interest. Projects on stations WWBN and W8PME are included. Open only to upper division students who are majoring or minoring in the department. One or two hours. Hours to be arranged.

91-92 HONORS COURSE. Readings, experiments and investigations in radio-activity, spectroscopy, radio and electronics or in the field of the student's interest. Open only to upper division students of superior ability and accomplishment who are majoring or minoring in the department. One or two hours. Hours to be arranged.

PSYCHOLOGY

ANDREW LEITCH, *Head of the Department*

AIMS: To acquaint the student with the facts and laws of behavior, especially human behavior, and with the experimental and scientific approach to problems in this field; to enable the student to develop a wholesome personality and to make adequate social adjustments; to give background preparation for professions which relate to individual and group behavior; to equip the student in an elementary way for practical work in mental measurements, personnel analysis and applied fields; and to lay a broad foundation for graduate work and professional study.

REQUIREMENT FOR MAJOR: A minimum of twenty-four semester hours in the department, which must include Psychology 31-32, 53, 61, 62, 71 and 75 or 76. A major should include Biology 11. Biology 43 and Sociology 31 are recommended.

REQUIREMENT FOR MINOR: At least eighteen hours in the department, which must include Psychology 31-32, 53, and 62 or 64.

31-32 GENERAL PSYCHOLOGY. A systematic study of the most important facts and laws of behavior and mental life with emphasis on their practical significance in the professions, business, industry and personal life. Laboratory demonstrations. *A continuous course.* Three hours.

Section 1, T. Th. S. 9:00

Section 2, M. W. F. 10:00

Section 3, M. W. F. 2:00

53 EXPERIMENTAL PSYCHOLOGY. Typical psychological experiments in sensory, motor, intellectual and emotional processes. Prerequisite, Psychology 31-32. Three hours.

Section 1, T. Th. 1:00-3:00

Section 2, T. Th. 3:00-5:00

Lecture hour to be arranged.

55 APPLIED PSYCHOLOGY. The application of psychological principles to problems in the fields of business, the professions and personal life. Prerequisite, Psychology 31-32. Not offered in 1949-1950.

57 PSYCHOLOGY OF PERSONALITY. The phenomena of personality with special attention to the psychology of adjustment; basic human drives; factors affecting personality formation; adequate and inadequate personality adjustments; the development of a wholesome personality and mental hygiene. Prerequisite, Psychology 31-32. Three hours. T. Th. S. 10:00.

58 ABNORMAL PSYCHOLOGY. Mental deficiency, the neuroses, the psychoses (insanity) and abnormal traits in everyday life. Emphasis on causes, symptoms, prevention and treatment. Prerequisite, Psychology 31-32. Three hours. T. Th. S. 10:00.

61 EDUCATIONAL PSYCHOLOGY. The nature and laws of learning; original nature as conditioning learning; the amount, rate, limit and permanence of improvement; factors and conditions affecting learning; transfer of training; mental fatigue; individual differences; efficient methods of study. Prerequisite, Psychology 31-32. Three hours. M. W. F. 11:00.

62 MEASUREMENT OF INTELLIGENCE. The more important techniques for the measurement of intelligence; historical background, validation and use of intelligence tests in education and in out-of-school agencies. Laboratory work with individual and group tests. Prerequisite, Psychology 31-32. Three hours. T. Th. 1:00 to 3:00.

64 APTITUDE AND PERSONALITY TESTING. The techniques for measuring primary mental abilities, special aptitudes and skills, interests, attitudes and personality; critical evaluation and some attention to utilization. A laboratory course. Prerequisite, Psychology 31-32. Three hours. Not offered in 1949-1950.

66 CHILD AND ADOLESCENT PSYCHOLOGY. The physical, intellectual, emotional, social, moral, and religious development of the individual in infancy, childhood and adolescence, with special attention to the more serious mental problems of children and adolescents. Prerequisite, Psychology 31-32. Three hours. M. W. F. 9:00.

67 or 68 CLINICAL METHODS. Methods and procedures for work in clinical psychology; integration of case histories; cumulative records; psychometric techniques; etc., in diagnosis and treatment. Prerequisites, Psychology 31-32, 58, 62 or 64. Three hours. T. Th. S. 8:00.

69 SOCIAL PSYCHOLOGY. The behavior of the individual in social psychological relationships with special attention to the significance of motives and attitudes; problems related to adequate and inadequate social adjustments. Prerequisite, Psychology 31-32. Three hours. M. W. F. 9:00.

71 STATISTICAL METHODS. Analysis and description of psychological, educational and sociological data by means of statistical constants which measure central tendency, dispersion and simple correlation; graphic methods, normal curve and experimental design. Three hours. M. W. F. 2:00.

74 INDUSTRIAL PSYCHOLOGY. Psychological methods applied to problems in the industrial world; personnel selection and classification; accidents, fatigue and productivity; training and morale. Prerequisite, Psychology 31-32 and preferably Psychology 62 and Psychology 71. Three hours. Not offered in 1949-1950.

75 CONTEMPORARY SCHOOLS OF PSYCHOLOGY. Historical development and evaluation of some of the more important trends and schools of contemporary psychology such as the structural and functional schools, behaviorism, psychoanalysis, Gestalt, etc. Open only to upper division students who have had more than six hours in Psychology. Three hours. M. W. F. 9:00.

83 or 84 SEMINAR IN PSYCHOLOGY. A survey of the fields of psychological investigations and the current literature relating to investigations in these fields. Open only to seniors majoring or minoring in Psychology. Required of all psychology majors after 1950. One hour. Offered first semester.

87 or 88 INDEPENDENT STUDY IN PSYCHOLOGY. For those students who desire to do independent study in some special field of psychology which may be selected by the student, subject to the approval of the head of the department. Prerequisite, eighteen hours in Psychology, including Psychology 31-32, 53 and 62. One hour. Not offered in 1949-1950.

91-92 HONORS COURSE. In this course students may carry on minor psychological experiments or investigate some major problem in psychological research. Open only to seniors who are superior students majoring in the department. One hour. Hours arranged.

RELIGION

OSBORNE BOOTH, *Head of the Department*

AIMS: To provide a focus of religious meanings for integration of knowledge and for the guidance of life; to prepare students planning to enter the various branches of the Christian Ministry for graduate study in professional schools of religion; and to give enough professional training to enable a graduate of the college to enter immediately into Christian service as a minister or religious educator, until such time as he may be able to continue in graduate study.

REQUIREMENT FOR MAJOR: Twenty-four hours, of which eighteen hours shall be in upper division courses. For pre-ministerial students this must include Old Testament 33-34 and New Testament 31-32.

REQUIREMENT FOR MINOR: Eighteen hours, of which twelve hours must be in the upper division.

REQUIREMENT FOR GRADUATION: Six hours of work in the English Bible are required of all students qualifying for graduation. The following courses may be taken without prerequisites to satisfy this requirement: In the Freshman or Sophomore year Old Testament 11 or 12 and New Testament 13 or 14; in the Junior or Senior year Old Testament 33-34, 55-56 or 71-72, or New Testament 31-32. Admission to other courses may be granted only by the head of the department.

OLD TESTAMENT

11 INTRODUCTORY OLD TESTAMENT. The history, literature and religion of the Hebrew people planned for the general student in the lower division only. Ministerial students will take Old Testament 33-34 instead of this course. Credit will not be given for both this course and Old Testament 33-34. Three hours.

Section 1, T. Th. S. 8:00

Section 2, T. Th. S. 9:00

12 INTRODUCTORY OLD TESTAMENT. The same course as Old Testament 11, given in the second semester. Three hours. T. Th. S. 8:00.

33-34 OLD TESTAMENT HISTORY. The political and religious development of the Hebrew people to the time of the Maccabees. Required of all pre-ministerial students. Three hours. M. W. F. 1:00.

55-56 THE PROPHETS. The origin and development of prophecy among the Hebrews with special attention to social and political backgrounds. Three hours. Not offered in 1949-1950.

57-58 COMPARATIVE RELIGION. A comparison of the most important features of the great religions of antiquity, including religions of primitives, Egypt, Babylonia, Assyria, Persia, Greece, Rome, Judaism and Christianity. This course does not satisfy the general requirements of six hours in the English Bible. Three hours. M. W. F. 3:00.

71-72 THE BIBLE AS LITERATURE. Origin, development and literary values of the various types of literature of the Bible. Three hours. M. W. F. 8:00.

NEW TESTAMENT

13 INTRODUCTORY NEW TESTAMENT. The life and teachings of Jesus, the origin of the Christian church and the life of Paul, planned for the general student in the lower division only. Ministerial students will take New Testament 31-32 instead of this course. Credit will not be given for both this course and New Testament 31-32. Three hours. T. Th. S. 8:00.

14 INTRODUCTORY NEW TESTAMENT. The same course as New Testament 13, given in the second semester. Three hours.

Section 1, T. Th. S. 8:00

Section 2, T. Th. S. 9:00

31-32 NEW TESTAMENT SURVEY. A survey of all books of the New Testament. The first semester will be devoted to the Four Gospels. This course is required of all pre-ministerial students. Three hours. M. W. F. 11:00.

65 THE TEACHINGS OF JESUS. The teachings of Jesus in relation to the movements of His time and to the Jewish and Greek backgrounds. Three hours. Not offered in 1949-1950.

66 THE TEACHINGS OF PAUL. The fundamental doctrines of the Epistles of Paul in the New Testament. Three hours. Not offered in 1949-1950.

67 THE JEWISH BACKGROUND OF THE NEW TESTAMENT. Political developments in Palestine; religious ideas, institutions and movements of Judaism from 2,000 B. C. to 100 A. D. Three hours. Hours to be arranged.

68 THE GREEK BACKGROUND OF THE NEW TESTAMENT. The social, religious, economic, political and philosophical movements of the Greek and Roman world as they came to bear upon early Christian history and thought. Three hours. Hours to be arranged.

73-74 BIBLICAL DOCTRINE. The various doctrines of the New Testament in relation to later Christian thinking. Three hours. M. W. F. 10:00.

83-84 SEMINAR. A seminar on the integration of the field of the comprehensive examination, conducted by various members of the department. Available only to students eligible to take the comprehensive examination within one year of the beginning of the course. One or two hours. Hours to be arranged.

87-88 INDEPENDENT STUDY. Supervised study in a field selected by the student. Admission only after a conference with the head of the department. One or two hours. Hours to be arranged.

91-92 HONORS COURSE. An investigation of special problems of Biblical Scholarship. Problems to be selected by the individual student on the basis of personal interest and faculty advice. Open only to superior students majoring in the department. One or two hours. Hours to be arranged.

CHURCH HISTORY

51-52 HISTORY AND LITERATURE OF THE DISCIPLES. The rise and development of the Restoration Movement of the Disciples of Christ, including an evaluation of the literature produced. Three hours. Not offered in 1949-1950.

69 THE ANCIENT CHURCH. Church history from its beginnings to the time of Charlemagne. Three hours. T. Th. S. 9:00.

70 THE REFORMATION. A Church history from the time of Charlemagne to the close of the Reformation. Three hours. T. Th. S. 9:00.

HOMILETICS

59-60 READING THE ENGLISH BIBLE. The oral interpretation of the English Bible. One hour. Not offered in 1949-1950.

61-62 THE THEORY OF PREACHING. The preparation and delivery of sermons. Three hours. Not offered in 1949-1950.

63-64 THE WORK OF THE PASTOR. The organization of the local church, financial methods, evangelism, worship and social program. Three hours. M. W. F. 2:00.

RELIGIOUS EDUCATION

79 THE THEORY OF RELIGIOUS EDUCATION. The principles of religious education, factors involved in religious growth and development; the functions of family, church and state in religious education. Three hours. Not offered in 1949-1950.

80 THE EDUCATIONAL WORK OF THE CHURCH. The total educational program of the church, with special emphasis on the Church School. Three hours. Not offered in 1949-1950.

86 METHODS AND MATERIALS IN TEACHING RELIGIOUS EDUCATION. Week-day religious education: public school courses in religion and the vacation Church school. Three hours. Not offered in 1949-1950.

SOCIOLOGY

E. C. PAUSTIAN, *Head of the Department*

AIMS: To give students an understanding of human relationships, institutions and the social processes; to familiarize them with the nature and causes of social problems; to give students a deeper insight into the requirements of intelligent citizenship and useful participation in community life; to equip students with fundamental preparation for entering various kinds of social services; and to provide preparation for teaching sociology and for graduate or professional study.

REQUIREMENT FOR MAJOR: Twenty-four to thirty hours in the department with eighteen hours in the upper division. The sequence of courses to be approved by the head of the department.

REQUIREMENT FOR MINOR: Eighteen hours in an approved sequence of courses. Twelve hours must be in upper division courses.

31 INTRODUCTORY SOCIOLOGY. The basic concepts and principles of sociology applied to modern society; social relations of the community; race and culture; social maladjustments; social processes, change and controls. Three hours. M. W. F. 9:00.

32 FAMILY RELATIONSHIPS. The development of marriage and family social functions; contemporary problems and tendencies of the family of today. Prerequisite, Sociology 31. Three hours. M. W. F. 9:00.

41 RURAL SOCIOLOGY. Consideration of the rural pattern of life; the institutions, culture and agencies functioning in the country and village life of today. Three hours. Not offered in 1949-1950.

42 URBAN SOCIOLOGY. A study of the rise and growth of cities; the social organization and problems of the modern city; urban trends, structure and functions. Three hours. Not offered in 1949-1950.

43 HEREDITY AND EUGENICS. (Biology 43). Modern theories and laws of heredity and their relation to man. Two hours. T. Th. 1:00.

51 STATISTICAL METHODS. (Psychology 71). Analysis and description of psychological, educational and sociological data by means of statistical constants which measure central tendency, dispersion and simple correlation, graphic methods, normal curve and experimental design. Three hours. M. W. F. 2:00.

54 CRIMINOLOGY. The social processes by which individuals become criminals and delinquents; causative factors, techniques of control and the social treatment of crime. Prerequisite, Sociology 31 or 42. M. W. F. 3:00.

58 ABNORMAL PSYCHOLOGY. (Psychology 58). Mental deficiency, the neuroses, the psychoses (insanity) and abnormal traits in everyday life. Emphasis on causes, symptoms, prevention and treatment. Prerequisite, Psychology 31-32. Three hours. T. Th. S. 10:00.

65 COMMUNITY ORGANIZATION. The social structure and function of the modern community; the social, economic and political organization of urban and rural populations; economic and social resources available for social welfare. Two hours. Not offered in 1949-1950.

67 CULTURAL ANTHROPOLOGY. Primitive people and their institutions in pre-historic and more recent times; the presentation of a cultural perspective. Prerequisite, Sociology 31 or 41. Two hours. M. W. 2:00.

68 POPULATION PROBLEMS. Population theories and policies; qualitative aspects of the population problem with reference to eugenics, migration, and control of population. Prerequisite, Sociology 31. Two hours. Not offered in 1949-1950.

69 SOCIAL PSYCHOLOGY. (Psychology 69). The behavior of the individual in social psychological relationships with special attention to the significance of motives and attitudes; problems related to adequate and inadequate social adjustments. Prerequisite, Psychology 31-32. Three hours. M. W. F. 9:00.

71 SOCIAL DISORGANIZATION. The impact of social change; the major lags leading to social breakdowns; unemployment, poverty, dependency and disease; various deficiencies and maladjustments; programs for social adjustment. Prerequisite, Sociology 31. Three hours. M. W. F. 3:00.

72 INTRODUCTION TO SOCIAL WORK. The basic principles and methods of social case work and their application in the treatment of individuals, families and groups. Open to upper division students or by permission of the head of the department. Three hours. T. Th. 2:00.

73-74 SOCIAL THEORY. The various systems, classic and modern, for explaining the social behavior of individuals and groups; the nature of social control, chief social control, devices, institutional pressures, and disruptive factors. A continuous course. Open to upper division students or by permission of the head of the department. Three hours. M. W. F. 11:00.

75 INDUSTRIAL SOCIOLOGY. The social forces involved in modern industrialism; the impact of technology upon livelihood; the problems of health, unemployment, poverty and leisure; family life and creative thought; participation in community life and the present technological era. Prerequisite, twelve semester hours in sociology. Three hours. Not offered in 1949-1950.

77 SOCIAL RECONSTRUCTION MOVEMENTS. Present-day efforts to control, direct, or oppose selected social trends; the forces, leaders and methods employed. Two hours. T. Th. 2:00.

78 GROUP ORGANIZATION AND LEADERSHIP. The organization and leadership of homogeneous groups; social processes characterizing such groups on the achievement of socialization and in the treatment of pathological behavior. Prerequisite, twelve semester hours in sociology. Two hours. M. W. 2:00.

81 or 82 SOCIAL SERVICE PRACTICUM. Student training and experience, following a well-planned program in some phase of social service such as on the staff of an approved social agency. *Must be taken in summer or in semester when student is not in full-time residence.* Open only to advanced students majoring in sociology, with permission of the head of the department. One to three hours.

83-84 SEMINAR IN SOCIOLOGY. Required of all major students in the department. This course has three purposes: to interpret the preceding work in the department; to offer instruction in the technique and methods of social research; and to give each student an opportunity to develop his particular interest in cooperation with the other members of the seminar group. One hour. Time to be arranged.

91-92 HONORS COURSE. Designed for superior students in the upper division who are majoring in Sociology and desire to do independent reading and study in some special phase of sociology. The field of study may be selected by the student, subject to the approval of the head of the department, and determined by the interest and future need of the student. One to three hours. Time to be arranged.

PART VI

GENERAL INFORMATION





BETHANY HOUSE - STUDENT UNION AND MEN'S DINING HALL



LOUNGE OF STUDENT UNION



RESERVE READING ROOM OF LIBRARY



STUDENTS OF BACTERIOLOGY

GENERAL INFORMATION

Freshman Week

Bethany College recognizes the need of giving its entering students an introduction to their work in new surroundings, and requires freshmen to come to the campus several days before the formal registration of other students. This "Freshman Week" is devoted to efforts to introduce the student to the college and, at the same time, to introduce the college to the student.

These activities include placement and achievement tests, which enable the faculty to place the student in the classes for which he is best fitted, and also to counsel with him better on the basis of more individual information. Conferences with counselors about educational and vocational programs, as well as opportunities to meet faculty and students in social gatherings are provided.

Advanced Standing by Achievement Tests

Students who have anticipated the subject matter of courses prescribed for the baccalaureate degrees may make application to the Committee on Admissions and Classifications to take an achievement test. If the result of this test indicates sufficient mastery of the subject, the necessity to take the prescribed course will be waived. Passing the achievement tests will not give credit in hours toward the degree.

Honors

Students who have done college work of unusual merit and have given evidence of superior academic achievement in the upper division will be graduated with honors. These are awarded with the degree of Summa Cum Laude, Magna Cum Laude and Cum Laude. The awarding of honors is determined upon the basis of total quality points earned, standing in the comprehensive examination, and the recommendation of the professor in charge of the student's major department.

At the end of each semester a list of students who have ranked high in academic attainments as attested by scholarship index are designated for the Dean's list. This distinction is determined by the Dean of the Faculty and the Dean of Students.

Upper division students of the college who complete the academic work of any one year with a scholarship index of 3.5 are recognized for "First Honors" for the year, and those who complete the academic work

for any one year with a scholarship index of 3.25 are recognized for "Second Honors" for the year. Lower division students of the college who complete the academic work of any one year with a scholarship index of 3.25 are recognized for "First Honors" for the year, and those who complete the academic work of any one year with a point average of 3.0 are recognized for "Second Honors" for the year.

Certain members of the junior class are designated as Senior Fellows for the following year. The selection is made only of students who have attained unusual excellence in their major study and who, by character and ability, can do special work in a major department as an assistant in instruction or research. The Senior Fellowship carries a small stipend. No more than six senior fellowships are awarded in any one year. The selection of Senior Fellows is made by the Committee on Honors from the nominations of the department heads.

Grading System

The standing of a student in any course pursued is reported by letters. The meaning of the letters is as follows:

A--Excellent. The letter A is used to denote work of unusual merit.

This grade carries four quality points for each hour of credit.

B--Good. This letter is used to show appreciation and grasp of the subject that is distinctly above the average and very satisfactory. This grade carries three quality points for each hour of credit.

C--Average. This letter signifies the grade of work done by an average student. It is expected that between fifty and sixty per cent of grades given will be C. This grade carries two quality points for each hour of credit.

D--Inferior. This letter denotes work below the average. It shows a lack of application or of ability to grasp the subject. This grade carries one quality point.

Con.—This abbreviation denotes conditional failure. The student is granted the privilege of taking an examination to remove the condition, or, in case of a continuous course, it may be automatically removed if the student makes a grade of C or better the following semester. Failure to do so within the following semester will result in the grade being changed to F. Regardless of the manner of removing the condition, no higher grade than D will be allowed.

Inc.—The abbreviation Inc. denotes work not completed as a result of sickness or some other justifiable reason. An incomplete mark should be removed by the end of the fourth week in the following semester, unless an extension of time is granted. It is not possible for a student to remove an incomplete mark after twelve months.

F—Failure. The letter F denotes work that is definitely unsatisfactory and the course not passed. This grade carries no quality points.

W—Withdrawn.

A report of the scholastic standing of students is received at the Office of the Dean of Students at the mid-semester time in addition to the final semester reports. These reports are sent to the faculty counselor of each student and to parents or guardian.

Probation

The term “on probation” is applied to students who are allowed to continue in college after having failed to meet the standards expected by the faculty and administration.

Students may be placed on probation for any of the following causes, or a combination of them:

- Unsatisfactory scholastic record;
- Unsatisfactory class attendance;
- Unsatisfactory deportment.

Probation will serve as a serious warning to the student, and to his parent or guardian, that his total record is unsatisfactory and that a significant improvement is expected and required.

Students on probation may be declared ineligible for participation in athletic or other student activities. A student on probation is not eligible to receive any grant from college scholarship or loan funds while on probation. Any student who is on probation and does not give evidence of significant improvement within a reasonable time will be required to sever his connection with the college.

Transfer of Records

Students wishing to transfer from Bethany College to another institution should request the Dean of Students or Registrar to send an official transcript of record and notice of honorable dismissal. One tran-

script is furnished for each student without charge; for each additional record a fee of one dollar is charged, this fee to be sent to the office with the request. All financial obligations to the college must be paid before a transcript can be issued. The request should be made at least one week before the transcript is needed.

Summer Courses

Credit will be given for a limited amount of work done in the summer session of an approved college or university provided the courses taken are appropriate to the liberal arts curriculum and grades earned are entirely satisfactory. Permission for summer study must be secured from the Dean of Students or the Registrar.

Honorary Organizations and Awards

Students maintaining a scholarship index of 3.25 for four consecutive semesters, provided that in no semester their scholarship index falls below an average of 3.0, are, upon recommendation by the faculty committee on Honors, eligible for membership in Gamma Sigma Kappa. This honorary scholastic fraternity was organized at Bethany College in 1932.

The West Virginia Delta Chapter of Pi Gamma Mu, honorary social studies fraternity, is located at Bethany. Students maintaining a high scholarship index in twenty semester hours of social studies are eligible for membership.

Pi Delta Epsilon, National Journalism Fraternity, is also active on the Bethany campus. Its prime purpose is the perpetuation of efficient student publications and the advancement of journalism in extra-curricular life.

Bethany Kalon is an honor society established to give recognition to leadership in student activities. To be considered for membership in this society, a student must have completed four semesters of college work, must have attained a satisfactory scholarship index and must have demonstrated competence in leadership in college activities, constructive citizenship in the college community and high standards of personal character. Selection of members is made by the members of the society from students nominated by a Faculty Committee.

The Pittsburgh Bethany College Club, comprising the college alumnae of Pittsburgh, has established an award for the outstanding young woman in the junior class. This award is based on qualities of leadership,

character, conduct, and scholarship. The club has placed a suitable plaque in Phillips Hall on which the names of the winners are engraved. In addition, an individual gift is made each year to the person designated.

To a young man in the junior class is given each year the W. F. Kennedy Prize, awarded on the basis of his contribution to the college community life through leadership in activities, personal character and scholarship. This award was established by W. F. Kennedy of Wheeling, West Virginia.

The Florence M. Hoagland Award, established by the Class of 1947 in memory of Miss Florence M. Hoagland, is presented each year to the outstanding senior man.

Scholarship among women's social groups is stimulated by the Anna Ruth Bourne Award. This is a silver cup, provided by an anonymous donor, awarded to the women's social group earning the highest scholarship standing each semester. The group winning the cup for four consecutive semesters is presented with a smaller replica as a permanent trophy.

Library Facilities and Regulations

The Carnegie Library, now containing approximately 45,000 volumes of carefully selected books and periodicals, occupies a central place in the academic life of every student. Supplementary services include micro-film files and readers, Linguaphone recordings, recordings for work in speech and literature, a circulating art collection, and a music library of recorded albums of symphonies, concertos and operas.

The library receives approximately 350 periodicals, covering subject fields offered by the college, and including fifteen metropolitan dailies and several foreign language papers.

The reference collection, newspaper files, micro-film files, periodicals and periodical indexes, and the library offices and work rooms, and a room equipped for audio-visual work are located on the first floor of the building. On the main floor of the building are the open book stacks, the reserve book collection, and the card catalogue. Books in religion, philosophy, psychology, art, music, and the file of government documents are on the third floor.

Current newspapers and magazines, and recommended books for outside reading are in the recreation reading room on the second floor.

Each afternoon between four and five o'clock there is a program of classical recordings; on Saturday afternoons the opera from the Metropolitan Opera House is broadcast, and on Sunday afternoons the New York Philharmonic Orchestra program is broadcast.

Through a program instituted by the Carnegie Library of Pittsburgh, Carnegie Institute of Technology, and the University of Pittsburgh, all the facilities of these libraries and twelve cooperating colleges in Western Pennsylvania are available. Periodicals, newspaper files, including the New York *Times* and London *Times* on film, and books may be secured on inter-library loan. Rare books, not available for general circulation, may be acquired on film strips.

Library facilities are available Monday through Friday between 8 and 12 A. M., 1 and 5 P. M., and from 7 to 9:30 P. M. On Saturday the building is not open in the afternoon and evening. On Sunday hours are from 2 to 5 P. M. The building is closed during all scheduled college holidays. Books may be charged from the open stacks for fourteen days and may be renewed. There is no limit to the number of books which a student may take out. Reserve books may be charged out for two-hour periods during the day and for overnight use when the building is closed. Reference materials, newspapers, and periodicals are not available for circulation outside the building.

Several personal libraries and collections have been received by the college and have been made a part of the College library. The principal parts of the libraries of Alexander Campbell, Robert Richardson, Miss A. C. Pendleton, Archibald McLean, W. S. Priest, Levi Marshall, Miss Mary I. Nichols, R. H. Wynne, Cloyd Goodnight, M. M. Cochran, Anna Ruth Bourne, Clarence A. Hanna, Florence M. Hoagland, and E. Lee Perry are among these. A valuable library of early literature of the Disciples of Christ has come from Samuel Lindsay, Buffalo, New York; from Rev. W. S. Good of Youngstown, Ohio; from Miss Ellen Thomas of Augusta, Georgia; from Rev. Ben S. Ferral of Buffalo, New York, and others.

All of the material related to the Disciples of Christ, together with papers and publications of historical importance to Bethany College, have been gathered together in the Alexander Campbell Room located on the third floor of the library.

Student Activities

One of the advantages of a small college is the rich campus life with many and varied undergraduate interests as are found at Bethany.

As a means of governing and directing student interest and student activities, The Student Board of Governors is elected by the student body as a legislative and executive body. Matters pertaining to athletics, student publications, social affairs and general student interests are given attention. The major part of the student activity fee is used by this Board for the various student organizations. The Board cooperates with the college administration in building an intelligent appreciation of social responsibility in college community life.

Intercollegiate sports at Bethany include football, basketball, baseball, track, tennis, cross country, and swimming. In addition to these, undergraduates take part in many informal intramural games that provide healthful athletic recreation for all.

All athletics and physical recreation are under the supervision of the Athletic Board of Control, which is made up of the faculty committee on athletics, and four members of the student body.

The Women's Athletic Association encourages the participation of all women in a physical education and recreation program. Facilities are provided for basketball, volley ball, tennis, hockey, speedball, swimming, and archery.

Student journalistic ventures consist of a weekly newspaper, the *Bethany Tower*, and the college annual, the *Bethanian*. These publications are managed by members of the local chapter of Pi Delta Epsilon, national journalism fraternity, subject to the Student Board of Publications, which is a part of the Student Board of Governors.

The Association of Women Students, of which every woman student is automatically a member upon her entrance into college, has as its main purpose the building of larger and wider life attitudes through giving the college woman a fuller opportunity for experience in leadership and for sharing with the college the responsibility for her conduct.

Young men and women of the student body who are preparing for the work of the Christian ministry are eligible for membership in the Ministerial Association. Fortnightly meetings are held, in which problems relating to the ministry and the churches are discussed.

Several active clubs and societies are sponsored by various departments in the college. The nature of the French Club, Sociology Club,

Chemistry Club, German Club, Spanish Club, International Relations Club, Psychology Club and Radio Club is explained by their titles. Papers dealing with appropriate topics are presented by students, faculty members and out-of-town speakers.

The H. T. McKinney Chapter of the Future Teachers of America was chartered at the college in the fall of 1942.

A chapter of Student Affiliates of the American Chemical Society was founded at Bethany in 1948.

Music and Dramatics

Students with talents in music find adequate opportunities for participation in various musical activities.

The college choir sings each Sunday morning at the Bethany Memorial Church and gives special programs, in and away from Bethany, including oratoria, cantata and miscellaneous works. Membership is open to all students accepted by the director.

The college orchestra is made up of students who have a proficiency on orchestral instruments. Membership is gained by satisfactorily passing an examination given by the director. Several concerts are given during the year and music is furnished for some of the dramatic performances. An opportunity is also given to students wishing to perform with the Wheeling Symphony Orchestra.

The college band is open to all students who show by examination a sufficient mastery of their instrument for the type of music to be played. This group performs both on and off the campus.

The girls chorus provides an opportunity for the study of choral works and other music with a view to promoting the higher musical interests of the students and for concerts before the general public.

The male chorus promotes the interest in the student body in indigenous college songs and also cultivates a taste for choral music in its higher aspects. Outside appearances are also included in the chorus activities.

The program in theatre arts functions through two clubs: The Theatre Guild of open membership; and a chapter of the national dramatic fraternity, Alpha Psi Omega, in which students may become members by meeting the national requirements. Departmental clubs at times present plays and the college choir often collaborates in joint production with the Theatre Guild.

These student activities are augmented by including in the regular college program visits by artists and speakers. It is intended that outstanding men and women in the fields of music, art and literature shall be brought to Bethany each year.

Fraternities

Several national social fraternities and sororities have active chapters at Bethany College.

The fraternities for men are: Beta Theta Pi, Sigma Nu, Phi Kappa Tau, Kappa Alpha, and Alpha Sigma Phi. The sororities for women are: Alpha Xi Delta, Zeta Tau Alpha, Kappa Delta and Phi Mu.

The Inter-Fraternity Council, composed of representatives from each of the fraternity chapters, acts as the coordinating agency in fraternity affairs and activities. The Pan-Hellenic Board directs the activities and rushing season for the sorority chapters.

Students shall not be initiated into any fraternity or sorority until they have satisfied the entrance requirements of the college, have fifteen hours of resident collegiate work credited on the college books and have a scholarship index of 2.00. Freshman men and women are not eligible for pledging to a fraternity or sorority chapter until they have been in residence for one semester. By action of the Pan-Hellenic Board, a scholarship index of 2.00 is required for pledging any sorority. There is no established scholarship requirement for pledging a fraternity.

Student Health Service

Facilities are provided by the general student fee to insure the general health of Bethany students.

Each student is expected to report to the college dispensary in case of illness of any kind. In the case of contagious or infectious disease, students will be expected to give absolute observance to any regulations which may be prescribed by the college officers or the county health officials.

The college physician is at the dispensary each day for consultation, examination, and treatment. Students are urged to report all injuries, diseases or untoward symptoms, no matter how trivial they may seem. No extensive medical or surgical procedures are carried out at the dispensary, but all minor ailments will be cared for, and some medicines will be supplied.

Arrangements can be made for vaccinations, cold serums and special treatments at the college dispensary. The college physician is available for consultation and professional service without charge only at the dispensary. Students may not call to request nursing services outside the dispensary.

Students are free to employ either the college physician or a physician of their own choice in any case of illness. Well-trained physicians are available in Wellsburg and Wheeling.

The college infirmary, in charge of the college nurse and her assistants, is open while college is in session. It includes the doctor's office, treatment room, medicine room, and small wards for men and women.

In case of need each student is entitled to three days per semester of care in the infirmary with no additional charge. For periods in excess of this time, a charge of \$2.00 per day is made. Students not boarding in college dining halls will be charged \$2.00 per day for board during the period of hospitalization.

Residence and Deportment

No student will be permitted to reside or board in any place which has not been listed as approved. Fraternity and sorority houses, private dwellings and dormitory rooms where students are living, must at all times be open for inspection and appraisal as to influences and conditions relating to morals, health and social culture.

The women of the college live either in Phillips Hall, Gateway Hall or in sorority houses. Each is presided over by a house hostess or a faculty resident. The Associate Dean of Students is in charge of the general supervision of the college women, with the direct responsibility for regulation of social life, residence and social privileges, out of town privileges, etc.

The men and women of the college meet under conditions intended to provide a pleasant and wholesome social life and a reasonable amount of social recreation is encouraged. Such diversion, however, may be restricted to limits considered favorable to the welfare of the students.

Bethany College has always been opposed to the use of intoxicating liquors. This policy should be understood and accepted by every matriculant. If a student should disregard this provision, he will be subject to discipline by the Faculty.

It is expected that students will be governed by high personal ideals and good taste, without the existence of minute and specific rules.

In the administration of regulations and policies, the college officers will be guided in the treatment of the individual cases somewhat by the general attitude of the student toward the college, i. e., whether or not he has proved himself a creditable member of the college community, as shown by regularity in attendance, promptness in the fulfillment of his obligations, earnestness in his endeavors to profit by the college opportunities, and in consideration of high standards in social and moral conduct.

The whole record of each student will be looked into at the end of each semester with reference to his conduct in the community as well as his academic attainments. If the student's conduct has been unsatisfactory and is likely to remain so, the administration will consider whether the student is justifying his candidacy for a college degree. Students who do not show promise of accomplishment will not be allowed to continue. *It is expected that a student who earns credits at Bethany College must satisfy the faculty as to uprightness of character as well as accomplishments in scholarship.*

Automobiles

There is no need for students to maintain automobiles in Bethany. The maintenance of an automobile or motorcycle in Bethany or vicinity without the permission of the college faculty is positively forbidden.

Changes in Regulations

The college administration reserves the right to amend the regulations covering the granting of degrees, the courses of study and the conduct of students. Membership in Bethany College and the receiving of a degree are privileges, not rights. *The college reserves the right, and the student concedes to the college the right, to require the withdrawal of any student at any time without explanation.*

Scholarships and Financial Aids

Bethany College can provide financial aid through scholarships, loans and employment for a limited number of deserving students who are not able to meet college expenses without such help. All such assistance is administered by the Committee on Scholarships and Financial Aids. Only students who are in need of financial help should apply.

Candidates for admission to the freshman class who wish to apply for financial aid should make such application in writing to the Director of Admissions as early as possible. All applications from new students must be accompanied by a transcript of secondary school work, letters of recommendation, and the required Application for Admission and Admission Fee.

Upperclassmen who need financial aid should make application in writing to the Dean of Students before the end of the current academic year.

Scholarships at Bethany College are of four kinds: Competitive Examination, Honor, Alumni Regional, and Trustee. Such awards are for the benefit of qualified students who cannot meet college expenses without such help. The Committee makes awards on the basis of academic accomplishments, constructive participation in college activities, and general deportment.

The yearly stipend that goes with each scholarship award is applied on the tuition charge on the basis of one-half for the first semester and one-half for the second semester.

Students will be eligible to receive only one award. Students qualifying for more than one must select the award which they prefer to accept. Most scholarships are awarded to freshmen on a four-year basis but they are subject to review and cancellation at the end of each year. They are continued from year to year only if the recipient has met the following conditions:

1. His scholarship index must average 2.50 in each academic year.
2. His financial obligations to the college must be met promptly.
3. His influence in the student body should be, in every sense, wholesome and helpful.
4. He shall make a worthwhile contribution to the life of the college and the college program.

It is understood that the following reasons will operate to cancel any particular scholarship award at the end of any academic year:

1. Failure to maintain a scholarship index of 2.50.
2. Serious academic censure for any cause.
3. Unsatisfactory deportment.
4. Withdrawal from college.
5. Failure to contribute in a constructive manner to college activities.

When a scholarship has been cancelled for any cause, it can not be awarded again to the same student.

Competitive Examination Scholarships

Early in the spring the college holds a competitive scholarship examination for seniors in high schools and preparatory schools and scholarships are awarded to students making top scores on the examination. Scholarships of \$1,000, to be applied on tuition at the rate of \$125 each semester for four years, are awarded to the five men and the five women making the highest scores. The next ranking five men and five women receive \$600 awards to be applied on the tuition at the rate of \$75 each semester for four years. The recipients of these scholarships are subject to all the general rules governing scholarships as listed above.

Honor Scholarships

A limited number of scholarships are awarded to entering freshman students who rank in the highest honor group of their secondary school graduating class. These provide a stipend of \$600 to be applied on tuition at the rate of \$75 per semester for four years. The recipients of these scholarships are subject to all the general rules governing scholarships as listed above.

Alumni Regional Scholarships

Alumni Regional scholarships are awarded to college men of unusual ability upon recommendation of alumni groups in various districts, and the Committee on Scholarships and Financial Aids. These scholarship awards are for the amount of \$1,200 applicable on the tuition account of the student at the rate of \$150 per semester for four years.

To be eligible for any one of these awards, the student must be in the upper quarter of his high school or preparatory school graduating class, he must have demonstrated interest and ability in extra-curricular activities by active participation, he must be well recommended by responsible secondary school officers and he must have the endorsement of five alumni of Bethany College in his area. The recipients of these scholarships are subject to all the general rules governing scholarships as listed above. Students in college will be considered in special instances on the basis of accomplishments and citizenship in college. The total number of Alumni Regional scholarship awards is limited to fifteen.

Trustee Scholarships

A limited number of scholarships of \$100 or \$150 are awarded to entering freshmen and upperclassmen who would not be able to attend college without such financial help. These scholarships are awarded for a period of one year. The recipients of these scholarships must have completed satisfactory academic work for the year preceding application.

Ministerial Training Aid

Students who are preparing for full time Christian service in the field of the ministry, religious education, and missions, may be able to get additional financial aid through grants-in-aid that are made possible by contributions from churches and individuals. This program is under the supervision of the Director of Ministerial Training. It is open only to those who are preparing for full time service with the Disciples of Christ.

Designated Scholarships

The College recognizes with appreciation the gifts of specially designated funds which not only provide in perpetuity lasting memorials for individuals and families but also make possible annual grants to undergraduates who otherwise would find it difficult to remain in college.

The following scholarships, counted as Trustee Scholarships, have been especially designated by friends of the college and are part of the total resources available for financial aid to students:

Mary A. Morrison Scholarship—This is a scholarship covering three-fourths of the cost of tuition.

Isaac Mills Scholarship—This scholarship covers a part of the tuition charge, the benefits of which are to be received by a ministerial student.

G. A. Willett Scholarship—This scholarship of \$100 per semester applies on tuition. The student receiving the benefit of the same is to be nominated by a member of the Willett family.

Isaac Brown Scholarship—This scholarship covers \$30 on tuition cost per semester.

Albert C. Israel Scholarship—This scholarship yields \$20 per semester to apply on tuition of a descendent of Albert C. Israel.

Jennie I. Hayes Scholarship—The income from this scholarship fund is awarded for the purpose of helping students who are preparing for the mission field or the ministry. The students who receive the benefits of this scholarship are to be nominated by the donor.

Ida M. Irvin Scholarship—The income from this scholarship fund is awarded to students who have reached the senior year in their college course. The students receiving benefits from this scholarship are to be nominated by the Dean of Students.

Herbert Moninger Scholarship—A scholarship endowed in memory of Mr. Herbert Moninger, a graduate of the college.

Josiah Wilson Scholarship—As a memorial to Josiah N. and Wilmina S. Wilson and Nora B. Wilson a scholarship fund was established by Josiah N. Wilson. The income is used to aid some student or students who are preparing for the Christian ministry.

The John H. and Ida H. King Scholarship Fund—The income from this scholarship fund is awarded to students at Bethany College under terms approved by the Trustees of the college in accordance with the will of the donors.

M. M. Cochran Scholarships—Scholarships covering a part of the tuition charge. The students who receive the benefits of these scholarships are to be nominated by the President of the College.

Minnie W. Schaefer Awards—The income from a fund of \$8,000 set up by the will of Mrs. Minnie W. Schaefer of Mt. Vernon, Ohio, to be awarded students planning for definite Christian service.

J. T. Smith Awards—The income from a fund of \$17,000 established by J. T. Smith of Memphis, Tennessee, to be made available for students preparing for the Christian ministry or some other form of Christian service.

William Kimbrough Pendleton Scholarship Fund—The income from a fund of \$20,000 set up by the will of Clarinda Pendleton Lamar in memory of her father, William Kimbrough Pendleton, member of the first faculty and second president of the college (1866-1889), is to be awarded in one or more scholarships each year to one or more citizens of West Virginia. These awards may be in the form of loans or outright gifts as determined by the Committee on Financial Aids.

Vinson Memorial Fund—Z. T. Vinson, of the Class of 1878, established a fund of \$1,500 through the Central Christian Church of Huntington, W. Va., the income from which is to be available to students preparing for the Christian ministry.

Florence M. Hoagland Memorial Scholarship—Upon the death of Miss Florence M. Hoagland, Head of the Department of English and Advisor for Women at Bethany from 1936 to 1946, Miss Frances Cables of Woodstock, New Hampshire contributed to the college the sum of \$5,000 for the establishment of a Memorial Scholarship.

Perry Scholarship Fund—During his lifetime Professor E. Lee Perry, graduate of the college in the Class of 1893, Professor of Latin at Bethany College from 1908 to 1939, Professor Emeritus from 1939 to the time of his death in December, 1948, contributed the sum of \$9,000 in the form of annuities to Bethany College. He also named the college as one of the heirs of his estate. Under the terms of the gifts and the will, this money is placed in the Endowment Funds of the college, the income to be available for students preparing for the Christian ministry.

The Gans Fund Awards—Awards are made from this fund to juniors and seniors at Bethany College and to graduates of Bethany College engaged in

study and research elsewhere who have shown "evidence of merit and promise in the field of science." Funds so awarded will be available for approved study and research in some specific field.

Rhodes Scholarships—Men who have completed their sophomore year at Bethany College are eligible to compete for the Cecil Rhodes Scholarship, tenable for three years at Oxford University, England. These scholarships are awarded on the combined basis of character, scholarship, athletic ability, and leadership in extra-curricular activities. Further information may be obtained from the Dean of Students.

Foreign Exchange Fellowships—Each year at least two students direct from foreign countries come to Bethany to study on fellowships provided by the college administration. These students come to interpret their own people and their national culture to American student life. These awards are made only to students who are recommended by the Institute of International Education.

Financial Aids

Loans from the Bethany College Loan Fund may be obtained by students complying with the conditions governing the same. Approved security is required from all those borrowing from the fund. These loans are without interest while the student is in Bethany College and notes are drawn to mature four months after graduation or withdrawal from college. All notes bear interest from the date of their maturity.

Applications for loans must be made to the Committee on Financial Aids. All financial obligations to the college including notes to the loan fund must be paid before an official transcript of the student's academic record can be issued.

Student Employment

Limited opportunities for students to earn money for college expenses are afforded, but under no circumstances is it possible for a student to earn all of his expenses. The college may not be able to provide student employment of any kind beyond \$200 as a total for one year.

Applications for student employment must be filed on a proper form and must be accompanied by a deposit of \$5.00 as a guarantee of faithful performance. A careful study of the student's needs and general welfare will be made by the committee caring for student employment as each application is considered. Applications for student employment should be filed with the Dean of Students.

Prospective students should not consider beginning a college career unless adequate financial arrangements have been made for at least the



PHILLIPS HALL FOR WOMEN



COCHRAN HALL FOR MEN



IRVIN GYMNASIUM



INTERIOR OF ALUMNI FIELD HOUSE

first year. A few students may find it possible to earn enough money to pay a considerable part of their expenses. It is advisable, however, for new students to adapt themselves academically before attempting outside work.

Placement

The Director of Guidance is concerned with placement service and his office is available for students and prospective employers. He assists students needing to secure part-time employment while attending college and those who need to find summer work; he helps members of the graduating class who are seeking their first positions or making applications for graduate fellowships; and he gives as much assistance as possible to alumni on request. The office can not undertake to find employment for anyone or to assume the responsibility for making all contacts with prospective employers.

PART VII
PERSONNEL

BOARD OF TRUSTEES

TERM EXPIRES JUNE, 1951

THOMAS W. PHILLIPS, JR.	Phillips Hall, Butler, Pa.
JOHN MARSHALL	Union Trust Bldg., Washington, D. C.
ROBERT D. HURL	Shelby Salesbook Company, Shelby, Ohio
DANIEL F. MULLANE	202 Kenneth Avenue, Greensburg, Pa.
AUSTIN V. WOOD	Board of Trade Bldg., Wheeling, W. Va.
DONALD L. BOYD	P. O. Box 1240, Huntington, W. Va.
ALBERT H. HUNT	Nineteenth Floor, Koppers Building, Pittsburgh, Pa.
R. H. MILLER	Traffic Department, Pennsylvania Railroad, Pittsburgh, Pa.

TERM EXPIRES JUNE, 1950

W. S. WILKIN	Wellsburg, W. Va.
F. O. CARFER	50 Lincoln Blvd., Kenmore, N. Y.
DR. R. R. RENNER	12900 Euclid Avenue, E. Cleveland, Ohio
SIDNEY C. PORTER	Box 765, East Liverpool, Ohio
REV. A. DALE FIERs	3331 Bradford Road, Cleveland Heights, Ohio
MAYNARD L. PATTON	35 Cliffview, Fort Thomas, Kentucky
ROY S. ADKINS	653 Ridgewood Avenue, Upper Montclair, N. J.
DR. WALTER W. TILOCK	629 Broadway, Lorain, Ohio
FRANK P. JONES	340 King Street, Port Chester, N. Y.

TERM EXPIRES JUNE, 1949

J. C. MORRIS	East Main, Shelby, Ohio
ALFRED E. WRIGHT	Spruce Way and Linden Place, Belmont Circle, Uniontown, Pa.
DR. J. PARK McMULLEN	Wellsburg, W. Va.
FRANK M. HESSE	Grant Bldg., Pittsburgh, Pa.
DR. RUSSELL B. BAILEY	Wheeling Clinic, Wheeling, W. Va.
GEORGE J. BARTHOLD	Miners & Mechanics Savings & Trust Co., Steubenville, Ohio
REV. JOHN W. LOVE	435 Leonard Avenue, Washington, Pa.
ROBERT MCKINNEY	4505 Chrysler Bldg., New York 17, N. Y.
CHARLES E. PALMER	Peoples City Bank, McKeesport, Pa.

Faculty Representative for 1949-1950: Professor Earl D. McKenzie.

OFFICERS OF THE BOARD

SIDNEY C. PORTER, *Chairman*

W. H. CRAMBLET, *President and Treasurer*

N. W. EVANS, *Secretary*

COMMITTEES OF THE BOARD

BUDGET AND FINANCE

Mr. Hesse, Chairman, Mr. Barthold, Mr. Miller, Mr. Palmer, Mr. Porter

BUILDINGS AND GROUNDS

Mr. Boyd, Chairman, Dr. Bailey, Mr. Hunt, Mr. Mullane, Mr. Patton

EXECUTIVE

Mr. Porter, Chairman, Dr. Bailey, Mr. Barthold, Mr. Boyd, Mr. Hesse, Mr. Hurl, Mr. Miller, Mr. Mullane, Mr. Palmer, Mr. Phillips, Mr. Kirkpatrick, Secretary

FACULTY RELATIONS

Dr. Renner, Chairman, Mr. Hurl, Mr. Love, Dr. McMullen

FINANCIAL DEVELOPMENT

Mr. Porter, Chairman, Mr. Adkins, Mr. Boyd, Mr. Patton, Dr. Renner, Mr. Wood

INVESTMENT

Mr. Mullane, Chairman, Mr. Cramblet, Mr. McKinney, Mr. Wright

LIBRARY

Dr. Renner, Chairman, Mr. Adkins, Mr. Barthold, Mr. Carfer

MINISTERIAL TRAINING

Mr. Fiers, Chairman, Mr. Love, Mr. Phillips, Dr. Renner

NOMINATIONS

Mr. Marshall, Chairman, Mr. Hurl, Mr. Morris, Mr. Porter, Mr. Wilkin

STUDENT WELFARE AND ATHLETICS

Mr. Fiers, Chairman, Mr. Adkins, Mr. Carfer, Mr. Palmer, Dr. Tillock

FACULTY OF INSTRUCTION*

1948-1949

WILBUR HAVERFIELD CRAMBLET, *President of the College on the M. M. Cochran Foundation.*

A.B., Bethany College; A.M., Ph.D., Yale University; LL.D., University of Pittsburgh. (At Bethany since 1917, president since 1934)

JEAN CORRODI MOOS, *Professor-Emeritus of Music.*

College of Music, Zurich; Royal Conservatory of Music, Leipzig; A.M., Mus.D., Bethany College; Oberlin College; Columbia University. (At Bethany 1897-1934)

HENRY NEWTON MILLER, *Professor-Emeritus of Bible School Pedagogy on the Herbert Moninger Foundation.*

A.B., A.M., Bethany College; Yale University; D.D., Bethany College. (At Bethany 1914-1937)

**EBENEZER LEE PERRY, *Professor-Emeritus of Latin.*

A.B., A.M., Bethany College; Yale University; A.M., Columbia University; Litt.D., Bethany College. (At Bethany 1908-1939)

PEARL MAHAFFEY, *Professor of Modern Languages.*

A.B., Miami University; University of California; A.M., Columbia University; University of Grenoble; McGill University; University of Paris; Harvard University; National University of Mexico; Litt.D., Bethany College. (At Bethany since 1908)

ANDREW LEITCH, *Sarah B. Cochran Professor of Psychology.*

A.B., A.M., Butler College; B.D., Ph.D., Yale University; Columbia University; University of Chicago; University of Pennsylvania; Harvard University. (At Bethany since 1920—on leave of absence second semester 1949-1950)

BERNAL ROBINSON WEIMER, *Dean of the Faculty and Professor of Biology.*

A.B., A.M., West Virginia University; Ph.D., University of Chicago. (At Bethany since 1921—on leave of absence second semester 1948-1949)

IRVIN TAYLOR GREEN, *Professor of New Testament and Church History.*

A.B., Transylvania College; A.M., B.D., Bethany College; University of Chicago; D.D., Milligan College. (At Bethany since 1921)

*The names are arranged in order of rank and seniority of appointment.

**Deceased December 8, 1948.

FORREST HUNTER KIRKPATRICK, *Dean of Students and Professor.*

A.B., Bethany College; University of Dijon; A.M., and Prof. Dipl., Columbia University; University of Pittsburgh; University of London. (At Bethany since 1927)

EMMETT EPHRIAM ROBERTS, *Professor of Journalism.*

A.B., Ohio University; A.M., Ohio State University; New York University. (At Bethany since 1928)

OSBORNE BOOTH, *T. W. Phillips Professor of Old Testament.*

A.B., Hiram College; B.D., Ph.D., Yale University; University of Chicago. (At Bethany since 1929)

JOHN J. KNIGHT, *Professor of Physical Education.*

A.B., West Virginia Wesleyan College; University of Michigan; A.M., Ohio State University. (At Bethany since 1930—on leave of absence first semester 1948-1949)

JOHN STANLEY VALENTINE ALLEN, *Professor of Physics.*

B.S. in E., M.S., Ph.D., Ohio State University. (At Bethany since 1933)

CHANDLER SHAW, *George T. Oliver Professor of History and Political Science.*

A.B., Rollins College; A.M., Ph.D., University of North Carolina; American Academy in Rome; Royal University, Perugia, Italy. (At Bethany since 1935)

REUBEN HAMILTON ELIASSEN, *Professor of Education.*

A.B., St. Olaf College; University of Minnesota; A.M., Columbia University; Stanford University; University of Chicago; Ph. D., Ohio State University. (At Bethany since 1936)

EARL D. MCKENZIE, *Professor of Modern Languages.*

A.B., Brown University; A.M., Columbia University; University of Frankfurt am Main; Yale University; M.L., Ph.D., University of Pittsburgh. (At Bethany since 1937)

ERWIN C. PAUSTIAN, *Professor of Sociology.*

A.B., Central Wesleyan College; A.M., Northwestern University; University of Chicago; University of Minnesota; Ph.D., Northwestern University. (At Bethany since 1944)

HARRY LAWRENCE ICE, *Director of Ministerial Training and Professor of Religion.*

A.B., A.M., Bethany College; Ph.D., George Washington University; D.D., Bethany College. (At Bethany since 1944)

CHARLES FLEMING BROWN, *Professor of Chemistry.*

A.B., M.S., Ph.D., West Virginia University. (At Bethany since 1946)

RUDOLPH H. KYLER, *Professor of Economics and Business Administration.*

D.J.U., University of Breslau. (At Bethany since 1946)

WALTER BREWSTER GREENWOOD, *Professor of English.*

A.B., Transylvania College; A.M., Columbia University; Ph.D., University of Cincinnati. (At Bethany since 1947)

GLENN A. JOHNSON, *Professor of Physical Education.*

A.B., Huntington College; A.M., Columbia University. (At Bethany since 1948)

EDGAR HUGH BEHYMER, *Librarian with rank of Assistant Professor.*

A.B., Indiana University; A.B.L.S., University of Michigan; A.M., University of Chicago. (At Bethany since 1941—on leave of absence for academic year 1949-1950)

BRADFORD TYE, *Assistant Professor of Mathematics.*

B.S., Alma White College; Rutgers University; M.S., New York University; Columbia University. (At Bethany since 1943)

MARGARET ROBERTS WOODS, *Assistant Professor of Modern Languages.*

A.B., Wellesley College; A.M., Pennsylvania State College; Middlebury College; Columbia University; Colorado College; University of Besancon; University of San Luis Potosi. (At Bethany since 1943)

GEORGE K. HAUPTFUEHRER, *Assistant Professor of Music.*

A.B., B.M., Friends University; A.M., University of Kansas; Pittsburgh Musical Institute; Juilliard School of Music. (At Bethany since 1945)

S. ELIZABETH REED, *Assistant Professor of Physical Education.*

A.B., Muskingum College; M.Ed., University of Pittsburgh; University of Wisconsin; New York University; University of Wyoming. (At Bethany since 1945)

JOHN GERALD PATTERSON, *Director of Admissions and Alumni Secretary.*

A.B., Bethany College; A.M., University of Virginia; University of Pittsburgh. (At Bethany since 1946)

LESLIE WARREN COUGHANOUR, *Assistant Professor of Chemistry.*

B.S., Bethany College; Sc.D., Massachusetts Institute of Technology. (At Bethany since 1947)

LILLIAN L. GRAY, *Assistant Professor of Economics and Business Administration.*

B.S., Grove City College; A.M., University of Pittsburgh; Harvard University; University of Chicago; American University; University of Vermont. (At Bethany since 1947)

W. HAROLD KESSELRING, *Assistant Professor of Biology.*

A.B., North Central College; University of Chicago; M.S., University of Illinois; Cleveland College. (At Bethany since 1947)

HELEN LOUISE MCGUFFIE, *Assistant Professor of English.*

A.B., Bethany College; A.M., University of Pittsburgh; Columbia University. (At Bethany since 1947)

AUDREY MAURINE PARKER, *Associate Dean of Students and Social Director.*

A.B., Occidental College; University of Southern California; A.M., Columbia University. (At Bethany since 1947)

GEORGE A. MICHAEL, *Assistant Professor of Music.*

B.M., and M.M., Eastman School of Music, University of Rochester; Columbia University. (At Bethany since 1948)

JAMES BLAIR MILLER, *Minister of Bethany Memorial Church and Instructor in Religious Education.*

A.B., Bethany College; B.D., Yale University. (At Bethany since 1945)

ELIZABETH BELT, *Registrar and Assistant to the Dean of Students.*

A.B., Bethany College; Columbia University; M.Ed., University of Pittsburgh. (At Bethany since 1946)

LOWELL E. BINKLEY, *Instructor in Biology.*

A.B., Ohio Northern University; A. M., Wittenberg College; Ohio State University. (At Bethany since 1947)

ELLA JANE BLAKE, *Instructor in Art.*

B.F.A., Tulane University; Louisiana State University; University of Mexico. (At Bethany since 1947)

JOHN M. BOLLING, *Instructor in Chemistry.*

B.S., M.S., West Virginia University. (At Bethany since 1947)

JANE ELLEN DINGLEDINE, *Director of Guidance and Instructor in Education.*

B.S., Madison College; A.M., Columbia University. (At Bethany since 1947)

VIRGINIA GOODWIN, *Instructor in History.*

A.B., American University; A.M., University of Wisconsin. (At Bethany since 1947)

RHODA YELTON GREENWOOD (MRS.), *Instructor in English.*

A.B., Transylvania College; A.M., Wittenberg College; Michigan State College. (At Bethany since 1947)

CATHERINE ELIZABETH MOSER, *Instructor in Mathematics.*

B.S., M.S., University of Pennsylvania. (At Bethany since 1947)

MARGARET JOAN PARRY, *Instructor in Modern Languages and Classics.*

A.B., Wells College; A.M., Yale University; Middlebury College. (At Bethany since 1947)

DONNA SHAVER, *Instructor in Physical Education.*

B.S., University of Pittsburgh. (At Bethany since 1947)

HOMER G. SIMS, *Instructor in History.*

A.B., Muskingum College; A.M., Ohio State University; Pennsylvania State College. (At Bethany since 1947)

HOWARD L. BEAMS, *Instructor in Psychology.*

A.B., Hartwick College; A.M., Columbia University. (At Bethany since 1948)

ALFONSO BERRIOS, *Instructor in Modern Languages.*

A.B., University of Pittsburgh; University of Iowa; A.M., University of Pittsburgh. (At Bethany since 1948)

MARY E. BREWER, *Head of Residence at Phillips Hall and Instructor in Sociology.*

A.B., James Milliken University. (At Bethany since 1948)

GLADWIN CHAFFIN, *Instructor in Music.*

A.B., Friends University; A.M., Columbia University. (At Bethany since 1948)

DONALD E. FUOSS, *Instructor in Physical Education.*

A.B., Catawba College; A.M., Columbia University. (At Bethany since 1948)

BENJAMIN HONECKER, *Part-time Instructor in Economics and Business Administration.*

B.S., University of Pennsylvania; George Washington University; L.L.B., West Virginia University. (At Bethany since 1948)

ROBERT L. HUESTON, *Part-time Instructor in Economics and Business Administration.*

A.B., Bethany College; M.B.A., University of Wisconsin. (At Bethany since 1948)

RALPH L. SMITH, *Instructor in English.*

B.S., State Teachers College, Buffalo, New York; A.M., University of Iowa. (At Bethany since 1948)

MARY VUKOVICH, *Instructor in Music.*

A.B., Ohio State University; University of Belgrade. (At Bethany since 1948)

COLLEGE LIBRARY

EDGAR HUGH BEHYMER.....*Librarian*

A.B., Indiana University; A.B.L.S., University of Michigan; A.M., University of Chicago.

P. DEAN VANDERWALL.....*Assistant Librarian*

A.B., Eastern Washington State Teachers College; A.B.L.S., University of Michigan.

EDNA WELLING WOOLERY (MRS.).....*Cataloguer*

A.B., Bethany College; Columbia University.

OFFICE OF DEAN OF STUDENTS

AUDREY MAURINE PARKER.....*Associate Dean of Students and Social Director*

A.B., Occidental College; University of Southern California; A.M., Columbia University.

ELIZABETH BELT.....*Registrar*

A.B., Bethany College; Columbia University; M.Ed., University of Pittsburgh.

JANE ELLEN DINGLEDINE.....*Director of Guidance*

B.S., Madison College; A.M., Columbia University.

PHYLLIS HENDRICKSON.....*Assistant to Dean of Students*

A.B., Bethany College; University of Toledo.

LUCILLE A. STEINBRUCK.....*Associate*

Bethany College

SUPERVISORS OF RESIDENCE HALLS

MARY E. BREWER, *Phillips Hall*

MARY BELLE CARMAN, *Zeta Tau Alpha* BESS MAGEE (MRS.), *Phi Mu*

VIRA M. HETTLER, *Gateway Hall* ETHEL D. METZNER, *Kappa Delta*

GRACE HINE (MRS.), *Alpha Xi Delta* MARGARET WILSON, (MRS.), *Point Breeze*

STUDENT HEALTH SERVICE

EDGAR WADE MAHAN, M. D. _____ *College Physician*
 A.B., Bethany College; M.D., University of Maryland.

CATHERINE SPRINGER, R. N. _____ *College Nurse and Superintendent of Infirmary*

WANDA GRAFTON MULGREW (MRS.), R. N. _____ *Associate Nurse*

OFFICE OF BUSINESS MANAGER

HARRY MILTON MYERS _____ *Bookkeeper*

DESSIE MAE RUPE (MRS.) _____ *Bookkeeper*

AMELIA K. SLATER _____ *Cashier*

S. CLEMENT IRWIN _____ *Plant Superintendent*

JAMES GRIBBEN _____ *Chief Engineer*

WILLA M. THOMPSON _____ *Manager of Food Service*
 B.S., Columbia University.

CHRISTINE HERRING _____ *Dietitian*
 B.S., Eastern Carolina Teachers College; Women's College of the University
 of North Carolina.

ELIZABETH SURBECK _____ *Dietitian*
 B.S., Simmons College.

OTHERS ON ADMINISTRATIVE STAFF

WILLIAM C. HALLEY _____ *Assistant to Director of Admissions*
 A.B., Bethany College, University of Wisconsin.

VINA ADAMS BAIRD (MRS.) _____ *Assistant to Director of Admissions*
 A.B., Bethany College.

MARGUERITE FIELDS (MRS.) _____ *Secretary to the President*

FLORA JANE FARMER (MRS.) _____ *Secretary to the Director of Admissions*
 A.B., Bethany College.

EDNA F. GALM _____ *Secretary to the Dean of Students*

MARGARET LATZ MCKINNEY (MRS.) _____ *Secretary to the Dean of Faculty*

STANDING COMMITTEES OF FACULTY

1948-1949

Admissions and Classifications

Mr. Kirkpatrick, Chairman, Miss Belt, Mr. Leitch, Mr. McKenzie, Mr. Weimer

Athletics and Physical Recreation

Mr. Eliassen, Chairman, Mr. Brown, Mr. Johnson, Mr. Knight, Miss Reed

College Memorabilia and Campbell Mansion

Mr. Ice, Chairman, Mr. Behymer, Mr. Evans, Mr. Green, Mr. Shaw

Faculty Welfare and Security

Mr. Leitch, Chairman, Mr. Booth, Mr. Kyler, Miss McGuffie, Mr. Shaw

Gans Award

Mr. Weimer, Chairman, Mr. Allen, Miss Belt, Mr. Brown, Mr. Eliassen

Honors

Mr. Weimer, Chairman, Mr. Kirkpatrick, Mr. McKenzie, Miss Parker, Miss Parry

Lectures and Concerts

Mr. Behymer, Chairman, Miss Blake, Miss Gray, Mr. Hauptfuehrer, Mr. Roberts

Library

Mr. Weimer, Chairman, Mr. Behymer, Mr. Greenwood, Mr. Kyler, Miss Woods

Ministerial Training

Mr. Booth, Chairman, Mr. Green, Mr. Ice, Mr. Miller, Mr. Paustian

Public Relations

Mr. Patterson, Chairman, Mr. Kirkpatrick, Mr. Knight, Mr. Roberts, Mr. Weimer

Religious Life

Miss Mahaffey, Chairman, Miss Dingleline, Mr. Kirkpatrick, Mr. Knight, Mr. Miller.

Schedule

Miss Parker, Chairman, Mr. Greenwood, Mr. Hauptfuehrer, Mr. Kirkpatrick, Mr. Weimer

Scholarships and Financial Aids

Mr. Kirkpatrick, Chairman, Miss Belt, Mr. Fitch, Mr. Ice, Mr. Patterson

Teacher Training

Mr. Eliassen, Chairman, Mr. Binkley, Miss Dingleline, Mr. Johnson, Mr. Leitch

PART VIII
THE STUDENTS

HONORARY DEGREES CONFERRED

On June 13, 1948

DOCTOR OF DIVINITY

Reverend Alan Dale Fiers, Cleveland Heights, Ohio

Reverend John Paul Pack, Seattle, Washington

DOCTOR OF LAW

Mr. Aaron John Brumbaugh, Washington, D. C.

DEGREES CONFERRED IN COURSE
CLASS OF 1948

On June 13, 1948

BACHELOR OF ARTS

Summa Cum Laude

Patricia A. Allen

Magna Cum Laude

John J. Clopine
Marjorie Kathryn Cole
Mary Jo Martin
Mary Lois Pease
Harold D. Simson, Jr.
Alma Elizabeth Stricklin

Cum Laude

Crawford Cameron	Marjorie Jeanne Keller
Nancy Jean Duff	A. Eugene Laughner
William Charles Dumbaugh	Leonard M. Sims
Richard D. Hockensmith	Jo Ann Smith
Margaret Louise Strehan	

Rite

Joseph Robert Adams	Jack Hadaway Esker
Dorothea Frances Ames	Duane Leroy Flagg
Fred C. Angelis	Margaret Elizabeth Flaherty
James W. Angelis	John William Fulmer
Furman C. Arthur, Jr.	Catherine Joan Haley
Helen Frances Aull	Teresa Vivian Halley
William Elliott Beggs	Jean Sterling Haney
Mary Elizabeth Binder	Esther Harrison
Carol Joan Boyd	C. Kenneth Henry
Patricia Broderick	William H. Herschler
Mary Margaret Byers	Robert Edward Hudson, Jr.
Donald Hugh Cloudsley	Joseph Richard Hunger
Charles Lloyd Criswell	Robert M. Jarrett
Malcolm Murley Day	Betty Gwynne Jones
Elva Mae Deer	Jeanne M. Jordan
John Miller Epler, Jr.	Violet Karavanic

Nancy Louise Kenny
 William Edward Lewellen, III
 Doris Jean Long
 Lura Beverly Maynard
 Julian J. Melhado
 Antoinette Constance Moody
 Wade Richard Mooney
 James T. MacPherson
 Jay Newman
 Marilyn Pierson
 Alma Jean Pinney
 Albert E. Quade
 Mildred Radulovic

Marie Therese Reynolds
 Russell Howard Richardson
 Alice Neumeister Rodefer
 Eleanor Harriet Rohlf
 Philip J. Silcock
 Marilyn Jane Smith
 Eleanor Goff Stanton
 Jane Octavia Steffy
 Edith Patricia Unsworth
 Karl George Wassmann, Jr.
 George Alexander Weimer
 Llewellyn Wallace Wells, Jr.
 Emma Lou Weser

Robert W. White

BACHELOR OF SCIENCE

Summa Cum Laude

Victor Birch Rambo

Cum Laude

Gomer Lawrence Coble, Jr.

Robert A. Eberhard

Donald W. Loncasty

Rite

William Miles Baldwin
 Warner Duane Belt
 Henry Glenn Collins
 Alfred John D'Aliberti
 Charles Mason Dorsett
 Peggy Anderson Dunn
 Philip Wells Hall, III
 Eileen Koon
 Robert Jeffrey Link
 Edward John Merecky
 Kenneth Lou Meyer
 David Phillips Perry

Gordon O. Potts
 Jacques Marc Quen
 Raymond Rappaport, Jr.
 Robert Richard Renner
 William Francis Sawyer
 Robert Lincoln Shankroff
 Alvin Singer
 John Robert Smith
 Charles Stanley Stitt, Jr.
 Virginia A. Turnamian
 Edna Elaine Wade
 John Robinson Weimer

Peter Anthony Zaphyr

ROSTER OF STUDENTS

SUMMER SESSION

1948

SENIORS

Casey, John P.	85 Bronx River Road, Yonkers 4, N. Y.
Fannin, Donald	McCauslen Manor, Steubenville, Ohio
Ferguson, D. Robert	392 Hazel Drive, Pittsburgh 16, Pa.
Rodefer, Charles	Bethany, W. Va.

JUNIORS

Afflerbach, Harry R.	1017 Main Street, Wellsburg, W. Va.
Bahr, Marjorie	85 Bronx River Road, Yonkers 4, N. Y.
Boyd, Robert S.	85 Parkway Road, Bronxville, N. Y.
Cook, Thomas	1429 Lincoln Avenue, Pittsburgh 6, Pa.
Cooney, Joan	9 Liberty Court, Hempstead, L. I., N. Y.
Dimmit, Howard	773 Ohio Street, Follansbee, W. Va.
Drasnin, Eugene	1507 Jackson Street, Charleston, W. Va.
Dunn, Hewitt	190 Bethany Pike, Wheeling, W. Va.
Fair, Richard	Pendleton Avenue, Bethany, W. Va.
Farmer, Alonzo	2113 Commerce Street, Wellsburg, W. Va.
Ferris, William	Stamford Center, Ontario, Canada
Gallas, James S.	1038 Main Street, Wheeling, W. Va.
Golbey, Donald	253 Stuyvesant Avenue, Brooklyn, N. Y.
Grizzell, Karl	632 N. Third Street, Toronto, Ohio
Grizzell, Karolyn	632 N. Third Street, Toronto, Ohio
Hueston, Lydia	1238 Hiland Avenue, Coraopolis, Pa.
Jagoe, Arthur F.	3-13 31st Street, Fairlawn, N. J.
Kaiser, Robert	1504 Warwood Avenue, Wheeling, W. Va.
Kamhi, Ralph	1212 Grand Concourse, Bronx 56, N. Y.
LaBarre, Robert	2015 Pleasant Avenue, Wellsburg, W. Va.
Martin, Georgina	82 Joyce Road, Tenafly, N. J.
McFadden, Eugene	1117 Third Avenue, Brockway, Pa.
Mulgrew, Donald	R. D. 3, Argonne Avenue, Steubenville, Ohio
Nixon, Donald	Painter Street, So. Connellsville, Pa.
Petersen, Clifford	345 Liberty Avenue, Hillsdale, N. J.
Ritter, Robert	Bethany, W. Va.
Siegel, Fred	2065 E. 8th Street, Brooklyn, N. Y.
Smith, Robert B.	Box 65, Bedford Hills, N. Y.
Staffileno, H. Fred	1410 Charles Street, Wellsburg, W. Va.
Steckler, Stanley	2180 Wallace Avenue, Bronx 60, N. Y.
Taylor, Charles D.	Park Place, Chester, W. Va.
White, John	Box 25, Bethany, W. Va.
Wolfe, Harry	67 Eighth Street, Wellsburg, W. Va.
Yaney, Joyce	31 Brinkerhoff Avenue, Teaneck, N. J.
Zuckerman, Marvin	13 N. Martindale Avenue, Ventnor, N. J.

SOPHOMORES

Allen, Vilas.....	Hundred, W. Va.
Ashbaugh, George.....	R. D. 1, Apollo, Pa.
Avery, Charles.....	19 Westover Avenue, Caldwell, N. J.
Balling, Wayne.....	37 Beeson Boulevard, Uniontown, Pa.
Barth, Albert K.....	Changebridge Road, Montville, N. J.
Behrendt, Jack.....	211 Meadow Avenue, Charleroi, Pa.
Burt, Chester A. III.....	14 Bear Brook Road, Park Ridge, N. J.
Bush, Frank L.....	64 15th Street, Wellsburg, W. Va.
Carroll, Betty L.....	105 Petroleum Avenue, Claysville, Pa.
Cottingham, Malcolm.....	935 Ocean View Drive, Honolulu
Culver, Perry.....	Box 45, R. D. 1, Connellsville, Pa.
Davis, Robert H.....	1 Simpson Avenue, Elm Grove, W. Va.
Ely, John B.....	N. Liberty Street, West Alexander, Pa.
Ely, Robert.....	N. Liberty Street, West Alexander, Pa.
Greaver, William.....	2215 Charles Street, Wellsburg, W. Va.
Hannig, Ernest.....	95 Twelfth Street, Wheeling, W. Va.
Hannon, Billy.....	1012 Temple Street, Hinton, W. Va.
Harris, Donald.....	3314 West Street, Weirton, W. Va.
Hervey, William J.....	1914 Mariana Street, Wellsburg, W. Va.
Huhn, Ross J.....	Liberty Street, Smithfield, Pa.
Hunt, Robert J.....	253 W. 72nd Street, New York 23, N. Y.
Jackfert, Edward.....	R. D. 1, Wellsburg, W. Va.
Kerner, Elizabeth.....	517 Montana Avenue, Pittsburgh 14, Pa.
Klug, John.....	1312 Valley View Avenue, Wheeling, W. Va.
Lucas, Elmer.....	1215 Main Street, Wellsburg, W. Va.
Manuel, Ray.....	Box 15, Woodville, Pa.
Martin, Harold.....	2216 Hess Avenue, Wheeling, W. Va.
McKenna, Richard.....	Rt. 1, Weirton, W. Va.
McKinney, Julia.....	18 Main Street, Bethany, W. Va.
Pecora, Peter P.....	5 Undercliff Street, Yonkers, N. Y.
Phillips, William.....	12 Kentucky Street, Wheeling, W. Va.
Pietrzniak, Henry.....	R. F. D. 1, Wellsburg, W. Va.
Ramsey, Edward.....	125 Fairview Avenue, Boonton, N. J.
Ruksha, Paul W.....	254 S. 4th Street, Steubenville, Ohio
Schreiber, Glenn.....	306 S. Penn Street, Wheeling, W. Va.
Seltzer, Gerard.....	2045 Holland Avenue, Bronx 60, N. Y.
Shumar, Nick.....	323 27th Street, McKeesport, Pa.
Turley, Marjorie.....	4218 Broadway, Indianapolis 5, Ind.
Verwer, Johannes.....	143 Temple Street, Paterson, N. J.
Vujnovic, John.....	3708 Tallman Avenue, Weirton, Cove Station, W. Va.
Weigele, Walter.....	52 Lyons Place, Westwood, N. J.
Winski, James.....	1915 Main Street, Wellsburg, W. Va.
Winski, Leonard E.....	1915 Main Street, Wellsburg, W. Va.
Wolfe, Fred.....	R. D. 1, St. Clairsville, Ohio

FRESHMEN

Belgrade, Joseph	9 Birch Avenue, Wheeling, W. Va.
Blair, Orin L., Jr.	Tuscarawas Road, Beaver, Pa.
Bunda, Andrew	616 2nd Street, Versailles, Pa.
Burig, William	R. D. 2, Claysville, Pa.
Dickinson, John	Highland Avenue, West Alexander, Pa.
Hogan, Donald	16 Second Street, Beech Bottom, W. Va.
Kanrich, Andrew	1112 Park Avenue, New York, N. Y.
Nicholas, George	2513 Warwood Avenue, Wheeling, W. Va.
Oberman, John	4945 Jefferson Street, Bellaire, Ohio
Patterson, Albert	1405 Charles Street, Wellsburg, W. Va.
Rhodes, Paul	4013 Terrace Street, Weirton, W. Va.
Slavin, Richard	433 State Street, Baden, Pa.
Sydnor, John	Elmwood Place, Wheeling, W. Va.
Varlas, Mike	208 Birch Street, Moundsville, W. Va.
Weser, Carolyn	R. D. 1, Wellsburg, W. Va.
Wiggin, Neil	529 Essex Street, Lynn, Mass.

SPECIAL STUDENTS

Anderson, Leroy A.	359 Park Avenue, W. Mansfield, Ohio
Bellas, Mary	1604 Charles Street, Wellsburg, W. Va.
Boettcher, Walter E.	Bethany, W. Va.
d'Aliberti, Alfred	1318 Park Street, Steubenville, Ohio
Evans, Allen R.	3744 Main Street, Weirton, W. Va.
Hancock, Dean	14 Byrd Avenue, Wheeling, W. Va.
Hutton, John Vergeil	Box 191, Utica, Ohio
Karavanic, Violet	c/o Old Oak Inn, Weirton, W. Va.
Markley, Edward	R. D. 2, Wellington, Ohio
McGinnis, Paul	2123 Marshall Avenue, Elm Grove, W. Va.
Ritter, Jean	Bethany, W. Va.
Rogers, Francis P.	5616 Interboro Avenue, Pittsburgh 7, Pa.
Siedenburger, Sarah Louise	666 Ross Park Blvd., Steubenville, Ohio
Smith, William Leroy	18 S. Main, Homer City, Pa.
Stevenson, Virginia	717 Headley Ext., Lexington, Ky.
Wilcher, David W.	R. D. 4, Steubenville, Ohio
Williams, Arvin S.	Randolph Macon Academy, Va.

SUMMER SESSIONS

1948

Enrollment by Classes

	<i>Men</i>	<i>Women</i>	<i>Total</i>
Senior	4	0	4
Junior	29	6	35
Sophomore	40	4	44
Freshman	15	1	16
Special	12	5	17
	—	—	—
Total.....	100	16	116

Enrollment by States and Foreign Countries

Canada	1
Hawaii	1
Indiana	1
Kentucky	1
Massachusetts	1
New Jersey	11
New York	13
Ohio	14
Pennsylvania	22
Virginia	1
West Virginia	50
	—
Total.....	116

ROSTER OF STUDENTS

ACADEMIC YEAR

1948-1949

SENIORS

Afflerbach, Harry	1017 Main Street, Wellsburg, W. Va.
Armitage, Kenneth B.	2621 Hollywood Boulevard, Steubenville, Ohio
Arnold, Charles J.	Box 1715, Cristobal, Canal Zone
Ashbaugh, George	1015 Fordham Avenue, Pittsburgh, Pa.
Avery, Charles Jr.	Bethany, W. Va.
Avery, Helen C.	19 Westover Avenue, Caldwell, N. J.
Ayers, L. Jeanne	74 Hawthorne Terrace, Leonia, N. J.
Barnwell, Mary R.	46 Pond Road, Great Neck, N. Y.
Barth, Albert K.	Montville, N. J.
Bartram, George	230 Grant Street, Houston, Pa.
Beard, Donald R.	Box 35, Follansbee, W. Va.
Bierau, Beatrice	1713 Dorwalt Pky., Niskayuna Club Est., Schenectady, N. Y.
Boettcher, Barbara	Bethany, W. Va.
Boyd, Robert	Bethany, W. Va.
Brewer, Claire M.	1116 9th Street, Huntington, W. Va.
Brown, Francis E.	2006 Madison Street, Chester, Pa.
Burt, Chester A. III	14 Bear Brook Road, Park Ridge, N. J.
Burton, William	1416 Third Street, Moundsville, W. Va.
Bush, Alice	48 Pleasant Street, Grafton, Mass.
Butz, Robert E.	1417 Ohio Avenue, McKeesport, Pa.
Carroll, Betty L.	105 Petroleum Avenue, Claysville, Pa.
Carter, Reed	696 Beech Street, Washington, Pa.
Casey, John P.	5869 Forbes Street, Pittsburgh, Pa.
Churchman, Edwin C.	Rt. 1, Wellsburg, W. Va.
Clark, Evelyn P.	R. R. 1, Box 38C, New Augusta, Ind.
Clemens, James B.	124 Vincennes Avenue, Oakdale, Pa.
Coe, Austin	820 Wallace Avenue, Wilkinsburg, Pa.
Cole, Leslie P.	Bethany, W. Va.
Collins, James L.	1531 Market Street, Wheeling, W. Va.
Cook, Thomas W.	1429 Lincoln Avenue, Pittsburgh 6, Pa.
Cooney, Joan	9 Liberty Court, Hempstead, N. Y.
Corba, William H.	115 Court Street, Carnegie, Pa.
Cumming, David	708 California Avenue, Pittsburgh, Pa.
Davis, Robert H.	1 Simpson Avenue, Elm Grove, W. Va.
Dewey, Helen L.	1620 State Avenue, Coraopolis, Pa.
Dimmit, Howard T.	Fowlerton, Texas
Dorencamp, Donald	518 Maple Street, E. Pittsburgh, Pa.
Drake, Carol J.	2440 42nd Street, Long Island City, N. Y.
Eagen, Paul	7 N. 19th Street, Wheeling, W. Va.
Edmonds, Virginia	345 Hamill Road, Verona, Pa.

Engel, Samuel	120 Cove Road, Weirton, W. Va.
Ertle, Walter	Box 274, Avella, Pa.
Esaias, Esther H.	Star Route, Canton, Pa.
Fair, Richard	Box 74, Bethany, W. Va.
Fallon, Mary	2208 Hyde Street, San Francisco, Calif.
Fannin, Donald	McCauslen Manor, Steubenville, Ohio
Farmer, Alonzo	Box 184, Bethany, W. Va.
Ferguson, D. Robert	392 Hazel Drive, Pittsburgh 16, Pa.
Ferris, William	Stamford Centre, Ontario, Canada
Fink, Norma	31 Irving Place, Baldwin, N. Y.
Fithian, Robert J.	4217 Euclid Boulevard, Youngstown 5, Ohio
Flemming, Ruth E.	R. D. 3, Uniontown, Pa.
Gallas, James	1038 Main Street, Wheeling, W. Va.
Gephardt, Randall J.	1631 Lowrie Street, Pittsburgh 12, Pa.
Golbey, Donald A.	253 Stuyvesant Avenue, Brooklyn, N. Y.
Goodspeed, Carolyn	18300 Oak Drive, Detroit, Mich.
Green, Lois E.	43 Higgins Avenue, Bridgeport, Conn.
Grizzell, F. Karolyn	632 North 3rd Street, Toronto, Ohio
Grizzell, Karl	632 North 3rd Street, Toronto, Ohio
Guist, Gordon	909 Ross Street, Tarentum, Pa.
Gwennap, Jack R.	7 Pleasant View Avenue, Mozart Hill, Wheeling, W. Va.
Hall, Carolyn B.	380 Elm Street, Rahway, N. J.
Handlan, William C.	17 Laurel Avenue, Wheeling, W. Va.
Hankey, Robert	Gilbertsville, N. Y.
Hare, Andrew	West Alexander, Pa.
Heatherington, Daniel	Box 33, Bethany, W. Va.
Hervey, William J.	1914 Marianna Street, Wellsburg, W. Va.
Hile, Betty	356 E. Belvedere Avenue, Baltimore 12, Md.
Hoagland, John	Box 341, Bethany, W. Va.
Hoak, George	119 3rd, Niagara Falls, N. Y.
Hoyt, Donald	Box 961, Logan, W. Va.
Hueston, Lydia	1238 Hiland Avenue, Coraopolis, Pa.
Imburgia, Rose	45 Fox Boulevard, Merrick, N. Y.
Jackfert, Edward	500 Commerce Street, Wellsburg, W. Va.
Jagoe, Arthur F., Jr.	Box 104, Bethany, W. Va.
Janssen, Richard	111 Yale Street, Williston Pike, N. Y.
Jones, Willard	71 Boulevard, Bayonne, N. J.
Kaiser, Robert C.	Bethany, W. Va.
Kamhi, Ralph	1212 Grand Concourse, New York 56, N. Y.
Kehn, Betty	13 Prospect Street, Williston Park, N. Y.
Keith, Jane	64 Otis Avenue, Staten Island 6, N. Y.
Kleesattel, Robert	23 E. Fairview Avenue, Dayton 5, Ohio
Kosovec, Dorothy	Bavington Road, Burgettstown, Pa.
Kraus, Ralph	212 Fordyce Street, Pittsburgh 10, Pa.
Krebs, Robert	Box 504, Fort Erie, Ontario
Kruse, Martin	146 81st Street, Brooklyn, N. Y.
LaBarre, Robert	2015 Pleasant Avenue, Wellsburg, W. Va.
Lawrence, Kenneth	815 6th Street, Secaucus, N. J.

Lawyer, John	209 So. Broadway Street, Wheeling, W. Va.
Levine, Robert	911 Walton Avenue, New York 52, N. Y.
Lowton, Virginia	84-23 106th Street, Richmond Hill, N. Y.
Ludewig, Doris	Jaeger Avenue, Maywood, N. J.
Mandakas, Cres	3716 Main Street, Weirton, W. Va.
Mandakas, Eleftheria	3716 Main Street, Weirton, W. Va.
Martin, Georgina	82 Joyce Road, Tenafly, N. J.
McAnallen, Victor	413 Franklin Street, Butler, Pa.
McCloy, Howard	Box 105, Perryopolis, Pa.
McFadden, Eugene	1117 Third Avenue, Brockway, Pa.
McKenna, Evelyn	Bethany, W. Va.
Meixell, Mavis	130 Deerfield Avenue, Buffalo, N. Y.
Mitchell, Roderick	49 Waldron Avenue, Cranston, R. I.
Morris, June	895 Victoria Avenue, Los Angeles 5, Calif.
Moyers, Caroline	Norton, W. Va.
Mulgrew, Donald L.	Bethany, W. Va.
Mulsten, Warren	206 Plymouth Street, Stratford, Conn.
Newman, Joseph	55 Clinton Place, Bronx 53, N. Y.
Nixon, Donald	Box 62, Bethany, W. Va.
Norton, Don W.	c/o Hotel Winderemere East, Chicago, Ill.
Nottingham, William	371 Norris Avenue, Sharon, Pa.
Orr, William E.	c/o Crown Chocolate Company, McKeesport, Pa.
Orthey, Eugenia	51 Hawthorne Street, Rutherford, N. J.
Perrin, Ralph	125 Mang Avenue, Kenmore, N. Y.
Petersen, Clifford	345 Liberty Avenue, Hillsdale, N. J.
Phillips, Mary Alice	Hopwood, Pa.
Pietrzniak, Henry	Box 101, Bethany, W. Va.
Pohle, George	24 Barry Road, Scarsdale, N. Y.
Poole, Margaret	48-11 Browvale Drive, Little Neck, L. I., N. Y.
Quillen, Margaret	Ocean View, Delaware
Ramsdell, Donn	209 E. Pacemont Road, Columbus 2, Ohio
Redgate, Edward S.	706 Boston Boulevard, Sea Girt, N. J.
Richards, Renee	4180 St. Paul Boulevard, Rochester, N. Y.
Rithner, Virginia	332 Commerce Street, Wellsburg, W. Va.
Ritter, Robert	Box 111, Bethany, W. Va.
Ruck, Harold	R. D. 1, Box 198A, Connellsville, Pa.
Ruksha, Paul W.	254 So. 4th Street, Steubenville, Ohio
Sel, Barbara J.	109 Eastview Avenue, Leonia, N. J.
Siegel, Fred	2065 E. 8th Street, Brooklyn, N. Y.
Sklar, Jordan	1106 Morris Avenue, New York City 56, N. Y.
Smith, Robert B.	Bedford Hills, N. Y.
Smith, Shirley A.	24 Williamson Street, Youngstown, Ohio
Solkiewicz, Lucille	7202 Fullerton Avenue, Cleveland, Ohio
Staffileno, Fred	1410 Charles Street, Wellsburg, W. Va.
Stear, Mary Ruth	2313 Hall Road, Independence, Mo.
Steckler, Stanley A.	2180 Wallace Avenue, New York City 60, N. Y.
Stimmel, Thomas S.	Box 103, Hughson, Calif.
Taylor, Charles D.	Park Place, Chester, W. Va.

Unterzuber, Gene L.	Moundsville, W. Va.
Wallace, Margaret M.	R. D. 2, Box 234, New Brighton, Pa.
Warshaw, Jerome	70 Lenox Road, Brooklyn, N. Y.
Wester, Betty J.	19 Yale Street, Maplewood, N. J.
Williams, James S.	46 Stirrup Lane, Levittown, L. I., N. Y.
Winowich, Nicholas	2621 Carey Street, Pittsburgh, Pa.
Winski, James	1915 Main Street, Wellsburg, W. Va.
Wolfe, Harry O. Jr.	67 8th Street, Wellsburg, W. Va.
Woolery, Nancy	Bethany, W. Va.
Worthington, Cicely	Box 416, Amsterdam, Ohio
Yaney, Joyce	31 Brinkerhoff Avenue, Teaneck, N. J.
Yochem, Nancy	1216 Eoff Street, Wheeling, W. Va.
Zuckerman, Marvin	13 No. Martindale Avenue, Ventnor, N. J.

JUNIORS

Allen, Vilas	Hundred, W. Va.
Antila, Eric	3836 Marlamont Street, Weirton, W. Va.
Antila, Jack	3836 Marlamont Street, Weirton, W. Va.
Ashley, Joan	11 Stoneleigh Road, Watertown, Mass.
Bado, George	R. D. 2, Wellsburg, W. Va.
Balling, Wayne	37 Beeson Boulevard, Uniontown, Pa.
Barrows, Norma	Maravista Avenue, Falmouth, Mass.
Bartholomew, Laura	Hotel Senator, Atlantic City, N. J.
Bates, Jack H.	118 5th Street, Ridgely Park, N. J.
Bedford, Charles M.	319 W. Kennedy, Syracuse, N. Y.
Beers, Marilyn N.	12 Hempstead Avenue, Rockville Center, N. Y.
Behrendt, Jack	211 Meadow Avenue, Charleroi, Pa.
Belgrade, Joseph	9 Birch Avenue, Wheeling, W. Va.
Bell, Robert D.	220 Oakdale Road, East McKeesport, Pa.
Berg, Joseph R.	Indian Head, Pa.
Berriman, Fred	61 N. Drive, Eggertsville, N. Y.
Black, Martha	362 Fifth Avenue, New Kensington, Pa.
Blair, Nancy V.	Glendale, W. Va.
Blankenship, Vernon	3812 Piedmont Road, Huntington, W. Va.
Boden, Donald	Sunset Drive, R. D. 1, Pittsburgh 21, Pa.
Bonville, William J.	32 South Street, Leominster, Mass.
Bowden, Perry	136 Catskill Avenue, Pittsburgh 27, Pa.
Bradley, John	Box 42, Hundred, W. Va.
Brandt, Raymond	2301 Ardmore Avenue, Fort Wayne 8, Ind.
Broberg, Harry	333 LeBlane Street, Pittsburgh, Pa.
Brown, Shannon	302 Kruger Street, Wheeling, W. Va.
Bruhn, Robert	Park View Lane, Wheeling, W. Va.
Buchanan, Robert	1701 Bailey Avenue, McKeesport, Pa.
Burch, Nancy	227 Cedar Boulevard, Pittsburgh, Pa.
Burdette, Robert E.	927 Charles Street, Wellsburg, W. Va.
Burlingame, Anita	521 S. 16th Street, Herrin, Ill.

Bush, Frank	64 15th Street, Wellsburg, W. Va.
Capp, Michael	1406 Superior Avenue, Pittsburgh, Pa.
Carman, James W.	Mt. Royal Boulevard, Allison Park, Pa.
Coble, Robert	324 W. Main Street, Uniontown, Pa.
Collin, James R.	147 Second Street, Fanwood, N. J.
Collins, Warren E.	325 Hillside Avenue, Nutley, N. J.
Cottingham, Malcolm	935 Ocean View Drive, Honolulu, T. H.
Crane, Donald	West Liberty, W. Va.
Culver, Perry	R. D. 1, Connellsville, Pa.
Daniels, Louise	22 Hartwell Street, Pittsburgh 5, Pa.
Deflin, Ralph A.	312 Russell Street, Sharon, Pa.
deSciora, Edward	429 Third Street, Brooklyn 15, N. Y.
Dexheimer, Elwood J.	177 Ellery Avenue, Newark 6, N. J.
Dodder, Grover Clyde	1022 Van Buskirk, Flint 3, Mich.
Dole, Virginia	846 Worcester Street, Wellesley 81, Mass.
Dunkle, Ralph	19188 Vineyard Hills, Wheeling, W. Va.
Durig, Nancy M.	1804 First Street, Moundsville, W. Va.
Dynow, Walter	107 McCormick Street, Ridley Park, Pa.
Ely, John B.	N. Liberty Street, West Alexander, Pa.
Ely, Robert M.	455 Allison Avenue, Washington, Pa.
Erdman, Martha S.	4 Forest Glen, Pittsburgh 16, Pa.
Fernschild, Sheila	193 Rockingstone Avenue, Larchmont, N. Y.
Ferrell, James E.	North 5th Street, Steubenville, Ohio
Fiederlein, Frederick	1126 East Front Street, Plainfield, N. J.
Fink, John	New Cumberland, W. Va.
Fitch, Lucille	West 23rd Street, Bellaire, Ohio
Flanagan, Paul	2227 Eoff Street, Wheeling, W. Va.
Flucke, Barbara	18635 Birchcrest Drive, Detroit 21, Mich.
Foose, Harry E.	1100 W. Washington Avenue, Wheeling, W. Va.
France, Carl G.	Box 38, West Middletown, Pa.
France, Dorothy	407 Dinwiddie Avenue, Blackstone, Va.
Fuhrman, Robert J.	5610 Post Road, New York 63, N. Y.
Furst, Kenneth W.	155 Nichols Avenue, Brooklyn 8, N. Y.
Gabia, Leon A.	533 Beech Road, Weirton, W. Va.
Gaither, Shirley	3840 Brownsville Road, Pittsburgh 27, Pa.
Galm, Edna F.	Box 16, Bethany, W. Va.
Garlick, Charles E.	New Cumberland, W. Va.
Garnick, Joseph	Wellsburg, W. Va.
Geise, Darald	Mt. Pleasant, Ohio
Gilchrist, Warren	1918 Marianna Street, Wellsburg, W. Va.
Glassman, Mervin B.	1693 Putnam Avenue, Brooklyn, N. Y.
Greaver, William	2215 Charles Street, Wellsburg, W. Va.
Green, Charles	112½ 7th Street, Wellsburg, W. Va.
Green, Marshall	99 9th Street, Wellsburg, W. Va.
Griffith, Benjamin	43 Clark Street, Uniontown, Pa.
Grula, Edward A.	Box 22, Greensboro, Pa.
Haering, Ruth	128 Lenox Avenue, New Milford, N. J.

Halley, Robert W.	310 5th Street, Elizabeth, Pa.
Hannig, Ernest J.	R. 95 12th Street, Wheeling, W. Va.
Hannon, Billy J.	1012 Temple Street, Hinton, W. Va.
Henthorne, Ivan D.	Porters Falls, W. Va.
Hinchman, Leah F.	Ratzer Road, Box 202, R. D. 4, Paterson, N. J.
Hite, Raymond H.	1014 Jefferson Avenue, Huntington 4, W. Va.
Huhn, Ross	Liberty Street, Smithfield, Pa.
Hurford, Robert	375 Sherman Avenue, Sharon, Pa.
Irish, John	195 Pleasant Avenue, Hamburg, N. Y.
Jagoe, Bud James	998 Belle Avenue, Teaneck, N. J.
Jepson, Maurice	Bethany, W. Va.
Kalbfleisch, Gertrude	Howard Place, Wheeling, W. Va.
Kamerer, Roland	R. D. 1, Mingo Junction, Ohio
Kearney, James	35 Bennett Avenue, Rochelle Park, N. J.
Kearney, Thomas	35 Bennett Avenue, Rochelle Park, N. J.
Kelley, William T.	425 Overhill Road, Haddonfield, N. J.
Kelly, David	352 West Hazeltine Avenue, Kenmore, N. Y.
Kennedy, William	110 Wachusett Avenue, Lawrence, Mass.
Kercsmar, John	601 Laufer Avenue, Bethlehem, Pa.
Kindig, Kenneth	Stillwater, Pa.
Kinsey, Jack	Bethany, W. Va.
Klug, John	1312 Valley View Avenue, Wheeling, W. Va.
Knoepfel, Joan	6 Andover Avenue, Dumont, N. J.
Koleszar, John W.	297 Avenue C., Bayonne, N. J.
Kulawiec, Edwin	57 Pulaski Street, Newark 5, N. J.
Lambert, Herbert	625 5th Street, Moundsville, W. Va.
Langstine, Theodore	58 18th Avenue, Paterson, N. J.
LaTourette, Harvey	65 So. Slope Drive, Millburn, N. J.
Laughner, Dale	1025 Indiana Avenue, Monaca, Pa.
Leach, Frank	10 Moller Street, Tenaflly, N. J.
Leeson, Paul	Weirton Heights, Weirton, W. Va.
Lefkowitz, Alan H.	R. F. D. 2, Hopewell Junction, N. Y.
Levy, Theodore	2 Reid Street, West End, N. J.
Liedke, Thomas	169 N. Sprague Avenue, Pittsburgh 2, Pa.
Lindveit, Earl	110 Hunnewell Avenue, Elmont, L. I., N. Y.
Lohman, Robert C.	R. R. 2, Waynesboro, Pa.
Lowder, Mary C.	309 Brooks Street, Charleston, W. Va.
Lucas, Elmer E. Jr.	1215 Main Street, Wellsburg, W. Va.
Ludington, Victor A.	1012 Phoenix Avenue, Chester, W. Va.
MacNichols, Grant	Washington Farms, R. D. 1, Wheeling, W. Va.
Makris, William E.	Box 319, Powhatan Point, Ohio
Markle, Erwin J.	1475 Chapel Street, New Haven, Conn.
Marko, Andrew	Box 303, Allison, Pa.
Marko, George	Box 303, Allison, Pa.
Marshall, Edmund	2107 Wiltshire Boulevard, Huntington, W. Va.
Martens, Harry	503 Standish Road, Teaneck, N. J.
Martin, Harold E.	Bethany, W. Va.

Massay, George	306 6th Street, Monongahela, Pa.
Mayer, Stewart	504 Ohio River Boulevard, Avalon 2, Pa.
McClelland, Ardythe	115 Delaware Avenue, Dayton 5, Ohio
McConnell, Dorothy	715 Wall Avenue, Cambridge, Ohio
McGavran, Malcolm	222 Downey Avenue, Indianapolis, Ind.
McKenna, Richard	Bethany, W. Va.
McKinney, John F.	509 Engle Street, Englewood, N. J.
McKinney, Julia	18 Main Street, Bethany, W. Va.
Meess, Richard J.	803 Norwich Avenue, Pittsburgh 26, Pa.
Merton, Walter	447 Summit Avenue, Oradell, N. J.
Messer, Barbara	250 Cabrini Boulevard, New York 33, N. Y.
Messing, Irwin	240 Central Park S., New York, N. Y.
Metz, Betty	235 Kruger Street, Wheeling, W. Va.
Mewhirter, James	710 Florence Avenue, Avalon 2, Pa.
Molden, John R.	533 22nd Street, N. W., Canton 9, Ohio
Montiegel, Ethel	2419 Hess Avenue, Wheeling, W. Va.
Morrison, James G.	732 Cove Road, Cove Station, Weirton, W. Va.
Novatt, Melvyn	975 Washington Avenue, Brooklyn, N. Y.
Oberlander, Melvyn S.	470 Columbia Street, Brooklyn 31, N. Y.
O'Connor, John	87-12 165th Street, Jamaica, N. Y.
Oehmler, Edward	77 N. Harrison Avenue, Pittsburgh 2, Pa.
Oltmer, Mary E.	Demarest, N. J.
Orr, Jeanne	2406 Plum Street, Parkersburg, W. Va.
Palmer, Francis	1318 Lake Street, Elmira, N. Y.
Pecora, Peter	5 Undercliff Street, Yonkers, N. Y.
Perry, William E.	Armed Forces Staff Col., Norfolk 11, Va.
Phillips, William O.	12 Kentucky Street, Wheeling, W. Va.
Pilchard, Robert L.	Bethany, W. Va.
Pollock, Edward	4555 48th Street, Woodside, L. I., N. Y.
Porter, Dorothy	150-35 23rd Avenue, Whitestone, N. Y.
Poss, Richard	10904 So. Eggleston Avenue, Chicago 28, Ill.
Pratt, Helen	396 Woods Road, Teaneck, N. J.
Quortrup, Richmond	79 Long Ridge Road, Plandome, N. Y.
Ramsey, Edward	125 Fairview Avenue, Boonton, N. J.
Redding, Amos E., Jr.	516 Bloomfield Avenue, Bloomfield, Conn.
Rhodes, Russell L.	1739 Jefferson Avenue, Huntington, W. Va.
Roper, Earl N.	413 Elm Avenue, Bogota, N. J.
Rosecrans, Winona	210 West Fifth Avenue, Roselle, N. J.
Ryan, William S.	2623 Ridgewood Road, Jacksonville 7, Fla.
Schreiber, Glenn R.	306 South Penn Street, Wheeling, W. Va.
Schreiver, Sally	255 Brighton Road, Bellevue, Pittsburgh, Pa.
Seywert, Roberta	117 Hillside Avenue, W. Caldwell, N. J.
Shaffer, Carrollton H.	473 Carnegie Drive, Pittsburgh 16, Pa.
Shea, John J.	70 Division Street, Spring Valley, N. Y.
Shumar, Nick	323 27th Street, McKeesport, Pa.
Siedenburg, Sarah L.	Ross Park Boulevard, Steubenville, Ohio
Smith, Gloria	16522 Inverness Avenue, Detroit, Mich.

Smith, Jane M.	112 Craig Avenue, Freeport, N. Y.
Smith, Mary Jo	Lambeth Drive, R. D. 2, Bridgeville, Pa.
Steinbruck, Lucille	21 Forty-ninth Street, Weehawken, N. J.
Stewart, Odelle	119 Nicholas Street, Clarksburg, W. Va.
Stickel, Robert	3331 Bookman Avenue, Pittsburgh 27, Pa.
Streicher, William	325 34th Street, Union City, N. J.
Taylor, Richard	13 Harmon Road, Maplewood, La.
Telfer, Dorothy	18880 Bretton Drive, Detroit, Mich.
Thieroff, Ruth E.	35 Pleasant Drive, Wheeling, W. Va.
Townsend, Betty J.	759 Lebanon Avenue, Pittsburgh 16, Pa.
Turley, Marjorie L.	4218 Broadway, Indianapolis, Ind.
Ulman, Ralph	Spring Haven Road Apartments, Wheeling, W. Va.
Umbel, Forrest K.	Box 1803, Uniontown, Pa.
Vanderwood, Paul J.	114 Brookside Avenue, Ridgewood, N. J.
Van Horn, Henry J.	Bethany, W. Va.
Verwer, Johannes G.	143 Temple Street, Paterson, N. J.
Walker, Elizabeth	20 Emerson Road, Wellesley Hills 82, Mass.
Watkins, Harold R.	235 S. Franklin Street, Wauseon, Ohio
Weigele, Walter L.	52 Lyons Place, Westwood, N. J.
White, Robert L.	Box 25, Bethany, W. Va.
Wilson, Robert F.	1101 Main Street, Wellsburg, W. Va.
Winski, Leonard E.	1915 Main Street, Wellsburg, W. Va.
Wolf, William F.	R. F. D. 1, Washington, Pa.
Woodyard, William H.	Spencer, W. Va.
Wyckoff, Frances	94 N. Main Street, Perry, N. Y.
Xenakis, Barbara	Box 426, Clarksburg, W. Va.
Young, Marjorie	32 Laurel Avenue, Tenafly, N. J.
Zillweger, William	Box 71, Allison Park, Pa.

SOPHOMORES

Ackelson, Rolland	3023 Pyramid Avenue, Pittsburgh, Pa.
Adlam, Joseph B.	16 Springhaven Road, Wheeling, W. Va.
Allison, Willard K., Jr.	Hickory, Pa.
Amesbury, Richard	456 Overbrook Road, Ridgewood, N. J.
Amsie, Eleanor	"The Moorings," Buzzards Bay, Mass.
Amsie, William	"The Moorings," Buzzards Bay, Mass.
Anderson, Marjorie	465 84th Street, Brooklyn 9, N. Y.
Arison, Roberta	738 3rd Street, New Martinsville, W. Va.
Atkins, John O.	415 5th Avenue, Hinton, W. Va.
Atkinson, Jean C.	R. D. 6, Butler, Pa.
Baird, S. Joanne	Bethany, W. Va.
Barnett, William A.	145 Prospect Avenue, Westwood, N. J.
Barr, Nancy	303 11th Street, Moundsville, W. Va.
Baylor, Phyllis	1058 Rose Drive, Louisville, Ky.
Beall, Charles	1451 Pleasant Avenue, Wellsburg, W. Va.
Bernhardt, Daniel	729 W. LaSalle Avenue, South Bend, Ind.

Beyer, Marion	170 Grant Avenue E., Rochelle Park, N. J.
Blair, Orin	Tuscarawas Road, Beaver, Pa.
Boggs, Richard	R. R. 3, Columbia City, Ind.
Bohlmann, Robert C.	825 James Avenue, Niagara Falls, N. Y.
Bottoms, Robert Lee	386 Parkway Drive, Pittsburgh, Pa.
Boyd, Richard	Box 1240, Huntington, W. Va.
Bradley, Edwin	808 Fairmount Avenue, Signal Mountain, Tenn.
Bramwell, Phyllis	580 Kenilworth Drive, Mt. Lebanon, Pa.
Bromwich, Vinny	83-11 Kent Road, Jamaica 3, N. Y.
Brown, Charles	501 Summit Avenue, Westville, N. J.
Brown, M. Audrey	322 Washington Street, Glen Ridge, N. J.
Brown, Rodger E.	1802 Jacob Street, Wheeling, W. Va.
Bruhn, Philip	Park View Lane, Wheeling, W. Va.
Bruno, Anthony	932 Seventh Street, New Kensington, Pa.
Buchanan, Joyce	44 Elm Avenue, Metuchan, N. J.
Buchanan, William F.	1701 Bailey Avenue, McKeesport, Pa.
Bucy, Ann	704 Jefferson Avenue, Moundsville, W. Va.
Bunda, Andrew	616 2nd Avenue, Versailles, Pa.
Burghard, Bruce	222 Wheatfield Street, N. Tonawanda, N. Y.
Burig, Paul	R. D. 2, Claysville, Pa.
Campbell, Jean	468 Lincoln Avenue, Bellevue, Pittsburgh, Pa.
Campbell, William	412 S. Penn Street, Wheeling, W. Va.
Carbonaro, D. Edward	743 Bushwick Avenue, Brooklyn 21, N. Y.
Carey, Alfred	257 Brighton Road, Bellevue, Pittsburgh, Pa.
Cochran, Susan E.	Box 63, Dawson, Pa.
Cook, Robert L.	17302 Woodbury Avenue, Cleveland, Ohio
Crawford, Diana	2 Vaughan Road, Toronto, Ontario, Canada
Crook, Alice	199 North Lyman Street, Wadsworth, Ohio
Cullis, John F.	4511 Seiger Street, Brookhaven, Chester, Pa.
Culp, Robert	247 Grant Street, Houston, Pa.
Curtis, Paul	1815 Monroe Avenue, New York 57, N. Y.
Dally, Charles H.	912 16th Street, Aliquippa, Pa.
D'Anci, Michael	Main Street, Emerson, N. J.
Daniell, Natalie	9 Hoy Terrace, Milton 86, Mass.
Deardorff, Ona	23 South Euclid Avenue, Bellevue, Pittsburgh, Pa.
Dilimetin, Anthony	356 Cedar Avenue, Long Branch, N. J.
DiPaolo, Mario	936 Clifton Street, Follansbee, W. Va.
Dreyer, Carl H.	177 Roosevelt Avenue, Westwood, N. J.
Durbin, Donovan B.	508 W. Crawford Avenue, Connellsville, Pa.
Eames, Weston W.	35 Damon Road, Medford 55, Mass.
Esposito, Frank P.	Pompton Plains, N. J.
Fay, Patricia	The Knolls, Bellaire, Ohio
Feinstein, Neil	458 Jamaica Avenue, Brooklyn 8, N. Y.
Ferguson, Charles	392 Hazel Drive, Pittsburgh 16, Pa.
Ferrell, Frank C.	87 Washington Street, Sharon, Pa.
Filson, John	1152 E. 2nd Street, Oil City, Pa.
Fischer, Robert R.	Park View Lane, Wheeling, W. Va.
Fisher, James	214 S. 3rd Street, Steubenville, Ohio

Fortunato, Stephen M.	831 Rosswell Avenue, Steubenville, Ohio
Fraim, Betty A.	165 Engle Street, Tenaflly, N. J.
Franzell, Stanley	1611 Market Street, Wheeling, W. Va.
Germon, Patricia A.	R. D. 1, Wellsburg, W. Va.
Gordon, Roy	3525 Decatur Avenue, Bronx 67, N. Y.
Grove, William	Penn Street, Elim, Johnstown, Pa.
Grubel, John	392 E. 19th Street, Paterson, N. J.
Hall, Nancy A.	110 Brilliant Avenue, Aspinwall, Pa.
Hamilton, Thomas, Jr.	21-08 149th Street, Whitestone, L. I., N. Y.
Hare, Robert	North Liberty Street, West Alexander, Pa.
Harris, Donald	3314 West Street, Weirton, W. Va.
Haskins, Robert J.	106 Valley View Avenue, Wheeling, W. Va.
Helfer, Katherine	108 S. Rolling Road, Baltimore, Md.
Hesse, Doris K.	3652 Riverview Drive, Weirton, W. Va.
Higinbotham, Webb	2208 Vance Avenue, Wheeling, W. Va.
Hilgeman, Janet	88 Beech Street, Westwood, N. J.
Hissrich, William	54 N. 3rd Street, Martins Ferry, Ohio
Hoff, Enid	322 Smith Street, Peekskill, N. Y.
Hogan, Donald	16 2nd Street, Beech Bottom, W. Va.
Holder, Bonnie	R. 1, Box 153, New Martinsville, W. Va.
Huchette, Paul	Point Marion, Pa.
Hudson, Barbara	407 Passaic Avenue, Nutley, N. J.
Huffman, Jean	3 Charles Street, Dravosburg, Pa.
Hyde, Harold R.	Route 2, Jane Lew, W. Va.
Johnston, Jeanne	5014 Jefferson, Bellaire, Ohio
Jones, Clara Joy	1113 Johnson Avenue, Petersburg, Va.
Jordan, June	181 E. Hazeltine, Kenmore, N. Y.
Jorgensen, Evelyn	610 Gregory Avenue, Weehawken, N. J.
Kanrich, Andrew	1112 Park Avenue, New York 28, N. Y.
Keckley, Beryl Ann	970 Mt. Vernon Road, Newark, Ohio
Kern, Betty	2965 Marion Avenue, New York City, N. Y.
Kershaw, Kenneth B.	3214 E. 10th Street, Kansas City, Mo.
King, Richard	640 S. Negley Avenue, Pittsburgh 6, Pa.
Knowles, Nancy	4878 E. 88th Street, Cleveland, Ohio
Koperek, Bernard	802 North Street, New Kensington, Pa.
Krizmanich, Cleora K.	Route 5, Kittanning, Pa.
Kruse, Rhoda	146 81st Street, Brooklyn 9, N. Y.
Kurtz, Joanne	Forsyth Road, R. D. 5, Pittsburgh 5, Pa.
Lamborn, Robert	807 Bellaire Avenue, Pittsburgh, Pa.
Lansill, Frederick	52 Orchard Terrace, Orchard Pike, N. Y.
Larson, Robert W.	1405 Fremont Street, McKeesport, Pa.
Lee, William	2109 Commerce Street, Wellsburg, W. Va.
Leigh, William	929 Indiana Avenue, Monaca, Pa.
Levy, Gerald	2 Reid Street, West End, N. J.
Libertini, Frank	46 Charlesmount Avenue, Quincy, Mass.
Loerch, Eleanor	517 Taylor Street, Greensburg, Pa.
MacDonald, John F.	663 Romapo Road, Teaneck, N. J.
Madden, A. Beverly	519 Ridgewood Avenue, Glen Ridge, N. J.

Maruca, Anthony	70 Lemon Street, Uniontown, Pa.
Maskrey, Sarah L.	138 Elm Street, Wheeling, W. Va.
McKee, Lois	76 Cottage Place, Ineola, N. Y.
McKenzie, Carol	135 Rowe Terrace, Auburndale, Mass.
McKinney, M. Ann	18 Main Street, Bethany, W. Va.
McMullen, Park	10th & Franklin Avenue, Wellsburg, W. Va.
Medcalf, David	Y. M. C. A., Waycross, Georgia
Metts, Donald A.	1325 Main Street, Follansbee, W. Va.
Millang, Audrey	532 Churchill Road, W. Englewood, N. J.
Millett, Joan	173 East Webster Avenue, Rochelle Park, N. J.
Molitoris, Joseph A.	Box 268, Whippany, N. J.
Myers, Marylou	5575 Hampton Street, Pittsburgh, Pa.
Nast, Robert	85 Erledon Road, Tenafly, N. J.
Naylor, Mary Lou	143 Derby Street, Johnstown, Pa.
Nicholas, George	2513 Warwood Avenue, Wheeling, W. Va.
Norbury, James	230 Orchard Street, Watertown, Mass.
Oberman, John D.	4945 Jefferson Street, Bellaire, Ohio
Orlowski, Arthur	869 4th Avenue, New Kensington, Pa.
Patterson, Albert E.	1405 Charles Street, Wellsburg, W. Va.
Patton, Pauline	173 West Main Street, Shelby, Ohio
Peterson, George M.	91 Roosevelt Avenue, Bergenfield, N. J.
Philips, Ronald W.	R. D. 3, Butler, Pa.
Pound, Donald	2330 Niles Avenue, St. Joseph, Mich.
Racho, Ilene	1710 23rd Street, Wyandotte, Mich.
Raney, Dana	320 Sandridge Road, Bowling Green, Ohio
Regney, Robert M.	1153 Bechtel Street, Monaca, Pa.
Reith, Harold F.	166 Birchwood Drive, E. Paterson, N. J.
Renner, John	1259 Oakridge Drive, Cleveland, Ohio
Richmond, Roland W.	406 Chestnut Street, Nutley, N. J.
Ritter, Jean L.	Box 111, Bethany, W. Va.
Rogers, Richard	507 19th Street, Altoona, Pa.
Romano, Helen E.	356 Lincoln Avenue, Mingo Junction, Ohio
Roth, William S.	3753 West 134th Street, Cleveland 11, Ohio
Sandwen, Arthur H.	238 Middle Street, E. Weymouth, Mass.
Sarokon, Daniel	Crescent Hotel, Orlando, Fla.
Sax, Robert	24 Poplar Avenue, Wheeling, W. Va.
Saxton, Patricia A.	409 Arden Road, Pittsburgh 16, Pa.
Scheller, Jean Ann	416 E. Francis Avenue, Connellsville, Pa.
Scott, Barbara E.	230 Nowell Road, Bangor, Maine
Seiler, Jane	105 Tunbridge Road, Baltimore, Md.
Shearer, Jerry	1292 Pennington Road, W. Englewood, N. J.
Sheldon, Louise	R. F. D. 3, Kingston, N. Y.
Shillinger, Leslie	708 Washington Drive, Pittsburgh 29, Pa.
Simon, Patricia J.	11 Clinton, Westwood, N. J.
Slavin, Richard H.	Box 358, Bethany, W. Va.
Smith, James	111 E. Walnut Avenue, Altoona, Pa.
Stedry, Carolyn P.	1005 Jerome Avenue, New York 52, N. Y.
Steel, Robert	1754 Nostrand Avenue, Brooklyn, N. Y.

Stein, Alexander	2971 Marion Avenue, Bronx 58, N. Y.
Steinbrunn, Richard L.	1121 Highland Street, Tarentum, Pa.
Stepanian, George	332 48th Street, Union City, N. J.
Straitiff, Richard F.	67 Duncan Avenue, Pittsburgh 5, Pa.
Striebich, Robert	4 Damion Road, Wheeling, W. Va.
Summers, Nancy Lou	849 Madison Avenue, Huntington, W. Va.
Switzer, Robert E.	8 Thornton Avenue, Buffalo 15, N. Y.
Sydnor, John T. Jr.	Elmwood Place, Wheeling, W. Va.
Taylor, Jane	Park Place, Chester, W. Va.
Thieroff, Sue Anne	35 Pleasant Drive, Wheeling, W. Va.
Thomas, Curtis J.	238 Birch Avenue, Pittsburgh, Pa.
Townsend, Jean	63 N. Jackson Avenue, Pittsburgh 2, Pa.
Van Sickel, Robert	Ursina, Pa.
Varlas, Mike	208 Birch Avenue, Moundsville, W. Va.
Vujnovic, John	3708 Orchard Street, Weirton, W. Va.
Wagner, Marjorie	16 Tusca Glen, Beaver, Pa.
Watson, William C.	607 San Luis Road, Berkeley, Calif.
Weeks, Emyrus R.	669 Lexington, Union, N. J.
Weikal, David	Mercer Street, Clark, Pa.
Weser, Carolyn	R. D. 1, Wellsburg, W. Va.
Whitson, Constance E.	5525 S. Martindale, Detroit 4, Mich.
Wicha, Renee	4311 215th Place, Bayside, N. Y.
Wiggin, Neil C.	529 Essex Street, Lynn, Mass.
Wilkin, Ann	1453 Main Street, Wellsburg, W. Va.
Wilkins, Dudley C.	59 S. Woodland Avenue, Woodbury, N. J.
Wilson, Stanley	539 Alexander Street, Greensburg, Pa.
Wunderlich, Donald	3339 Bookman Avenue, Pittsburgh 27, Pa.
Young, Wyatt M.	R. D. 2, Box 221, Turtle Creek, Pa.
Zumpe, Laura B.	1403 Meadow Street, McKeesport, Pa.

FRESHMEN

Abbott, Betty	102 McKinley Avenue, Kenmore, N. Y.
Akins, Beverly Jean	98 Harrington Avenue, Westwood, N. J.
Albrecht, Barbara M.	206 Hillside Avenue, Mt. Vernon, N. Y.
Arbeitel, Sheila S.	20 Portnellan Avenue, N. Rochelle, N. Y.
Aronson, Betty	30 Clements Road, Newton 58, Mass.
Atkinson, Helen	R. D. 6, Butler, Pa.
Barto, Robert S.	Lockwood Road, Perry, Ohio
Bellas, John A.	1604 Charles Street, Wellsburg, W. Va.
Berseth, Marjorie R.	132 Linnview Avenue, Pittsburgh 10, Pa.
Bishop, Grant	8 Bryant Place, Westwood, N. J.
Boettcher, Constance	Bethany, W. Va.
Bogelmann, Margaret E.	19 Benmore Street, Franklin Square, N. Y.
Bonar, William D.	West Liberty, W. Va.
Bragg, Peter E.	Dodge Farm, Chappaqua, N. Y.
Bramel, Rosemarie K.	104 Bellmore Street, Floral Park, L. I., N. Y.
Brandenburger, Anneliese	155 E. Main Street, Bogota, N. J.
Brown, Joan	Bethany, W. Va.

Butz, Stuart E.	1417 Ohio Avenue, McKeesport, Pa.
Cavalle, Anthony	3918 Brightway, Cove Station, Weirton, W. Va.
Cessna, William H.	Park Building, E. Mahoning S., Punxsutawney, Pa.
Chowenhill, Frampton	132 Bedford Road, Pleasantville, N. Y.
Ciuffoletti, Angelo	1742 Constitution Boulevard, Arnold, Pa.
Clark, Claire	45 Weston Street, Nutley, N. J.
Cobb, Katherine L.	1110 Park Avenue, Charleston 2, W. Va.
Coggins, William E.	56 Hawthorne Avenue, Glen Ridge, N. J.
Collins, Douglass K.	325 Hillside Avenue, Nutley, N. J.
Coltman, Charles A.	375 Parkway Drive, Pittsburgh 16, Pa.
Cook, Herman T.	100 15th Street, Wheeling, W. Va.
Curtis, Barbara J.	270 Lowell Avenue, Newtonville, Mass.
Curtis, Patricia	Westport Road, Wilton, Conn.
Damron, William	937 Eighth Avenue, Huntington, W. Va.
Daugherty, Robert	Finleyville, Pa.
Davidson, Alice P.	Rollingwood Farm, Orion, Mich.
Davis, Lloyd Lee	Box 248, Bethesda, Ohio
Denzer, George	73-08 57 Road, Maspeth, N. Y.
DeVenere, Dolores	300 Elm Place, Leonia, N. J.
Driehorst, Betty Lou	55 Acheson Avenue, Washington, Pa.
Dunn, Jo Ann M.	420 Crandall, Youngstown, Ohio
DuPont, Joan	85 Dover Road, Manhasset, N. Y.
Eberle, Joanne	146 Sunset Lane, Tenafly, N. J.
Elder, Susanne B.	451 Chestnut Street, New Castle, Pa.
Elliott, Shirley A.	314 Elizabeth Avenue, Avalon, Pa.
Epstein, Gloria C.	265 Hawthorne Avenue, Princeton, N. J.
Eugene, Catherine	1342 Oak Grove Avenue, Steubenville, Ohio
Evarts, Daniel D.	261 Wyoming Avenue, South Orange, N. J.
Fair, Lois R.	Bethany, W. Va.
Fircak, Edward	Box 44, Library, Pa.
Fitch, Miriam Ann	1524 Westwood Avenue, Lakewood, Ohio
Fogie, Harry	Bethany, W. Va.
Forry, Doris Jean	1015 Fordham Street, Pittsburgh, Pa.
Freese, Elmer H.	4028 Eoff Street, Wheeling, W. Va.
Gallo, Louis M.	R. 1, Connellsville, Pa.
Gililland, Richard	Fulton Park Apartments A-12, White Plains, N. Y.
Greany, Diana	14 Daisy Place, Tenafly, N. J.
Green, George	Bethany, W. Va.
Groomes, Doris L.	Vine Street, Carmichaels, Pa.
Haeger, Bruce	Branchville Road, Ridgefield, Conn.
Hare, John R.	West Alexander, Pa.
Hettinger, Barbara	1208 The Strand, W. Englewood, N. J.
Hettler, James Runk	R. D. 2, Elyria, Ohio
Hettrick, Gerald P.	Linfield, Pa.
Hillman, Eileen	213 Dell Avenue, Mt. Lebanon, Pa.
Hoerr, John P.	1104 Lincoln Way, McKeesport, Pa.
Hofmann, Charles	38 Drexel, Croton-on-the-Hudson, N. Y.
Holl, Evelynne	11950 Sector Avenue, Cleveland 11, Ohio

Hoover, Ashly B.	2958 Maple Road, Camp Hill, Pa.
Huber, JoAnn E.	1510 Easton Avenue, Bethlehem, Pa.
Hunt, Robert B.	58 Wilmot Street, Watertown, Mass.
Hurl, Rodney B.	66 Mansfield Avenue, Shelby, Ohio
Irving, Claire M.	253 Everett Place, Englewood, N. J.
Johnson, Elizabeth	Highwood, R. F. D. 3, New Brunswick, N. J.
Johnston, Charles F.	13613 Cormere Avenue, Cleveland, Ohio
Johnston, Richard H.	1520 Grand Avenue, Wellsbürg, W. Va.
Jolly, Robert K.	2410 Union Avenue, Chattanooga, Tenn.
Kasbaum, William J. C.	22 Kiel Street, N. Tonawanda, N. Y.
Keiser, Paul D.	2 Mifflin Apartments, Butler, Pa.
Keller, Narka Lee	2144 Marshall Avenue, Elm Grove, W. Va.
Kelley, Jane	425 Overhill Road, Haddonfield, N. J.
Kemple, James C.	Box 307, Smithfield, Ohio
Kimball, Lesly A.	2 Ferncliff Terrace, Montclair, N. J.
Kinder, Walter R.	136 Warwood Avenue, Wheeling, W. Va.
Kocornik, Mildred E.	9 West View Road, West Orange, N. J.
Krueger, Louise	3 Potter Place, Weehawken, N. J.
Kunzelman, Charles	Tonawanda Creek Road, Charence Center, N. Y.
LaBella, Frank	Garfield Street, Haworth, N. J.
Lacock, William	108 W. Cooke Road, Columbus, Ohio
Lacy, James A.	1936 Gettysburg Avenue, Dayton, Ohio
Lallone, Joan	990 Alpine Drive, Teaneck, N. J.
Lashen, Kenneth M.	118 Fourth Street, California, Pa.
Leswing, Anna May	138 Greenwood Avenue, Jenkinstown, Pa.
LeVine, Donald C.	2360 Birtley Avenue, Pittsburgh, Pa.
Long, Frank	56 S. Gamble Street, Shelby, Ohio
Marine, Henry	Gray, Pa.
Martin, Loretta	Bethany, W. Va.
Mazziotta, Frank	12 DeVausney Street, Nutley, N. J.
McCaskey, Jo Ann	366 Franklin, New Martinsville, W. Va.
McConn, Gerald E.	Bethany, W. Va.
McGregor, E. Russell	2 Hazlett Court, Wheeling, W. Va.
McMahon, Helen V.	45 Wheeler Avenue, Providence, R. I.
McMullen, Kyle	534 18th Street, Huntington, W. Va.
Miceli, Josephine	46-06 194 Street, Flushing, N. Y.
Miller, Herbert	40-36 100 Street, Corona, N. Y.
Miller, Thomas Lee	202 Grant Avenue, Moundsville, W. Va.
Moore, Barbara J.	811 Walnut Street, Rochelle Park, N. J.
Moore, Frederick	4033 Belmont Avenue, Shadyside, Ohio
Morris, Robert	R. D. 1, East Canton, Ohio
Morrison, John R.	732 Cove Road, Cove Station, Weirton, W. Va.
Mullen, John	3404 Rogers Avenue, Fort Worth, Texas
Mullins, Virginia K.	193 Nighbert Avenue, Logan, W. Va.
Murk, Arthur Herbert Jr.	228 Summit, Bogota, N. J.
Murphy, Edwin V.	502 South York Street, Wheeling, W. Va.
Murphy, Gaylord M.	Marianna, Pa.
Murphy, Richard W.	164 Audubon Drive, Snyder, N. Y.

Murvin, Theoren J.	Washington Farm, Wheeling, W. Va.
Niepp, Frederick A. Jr.	550 Chess Street, Crafton, Pa.
Nowacki, J. Richard	109 Marshall Street, Benwood, W. Va.
Oakes, Bernard	809 Harrison Street, Princeton, W. Va.
O'Donaghue, Nancy	8 Fiske Road, Wellesley Hills, Mass.
Oglebay, Florence E.	960 Westcott Street, Syracuse, N. Y.
Oltmer, Florence	County Road, Demarest, N. J.
Owens, Fern G.	Bethany, W. Va.
Owens, Owen	D. S. R., Weatherford, Texas
Parker, Jane	139 Clay Street, Wollaston, Mass.
Passanant, Lois	1069 Wilson Avenue, Teaneck, N. J.
Pazzelli, John	Piney Fork, Ohio
Pendergast, Robert E.	1085 Warren Avenue, Brockton, Mass.
Phelps, Richard	920 Liberty Street, McKees Rocks, Pa.
Piccirilli, Madlyn J.	83 Chester, Bloomfield, N. J.
Porter, Stacy R.	Cochran Street, Dawson, Pa.
Pracht, David D.	121 Edgewood Street, Wheeling, W. Va.
Proper, Virginia	R. D. 1, Bradford, Pa.
Pryor, Dayton E.	3115 Bramar Road, Camp Hill, Pa.
Reisdorf, William D.	49 Coulter Street, Pittsburgh 5, Pa.
Rice, Keith	R. D. 1, Mingo Junction, Ohio
Richey, Walter	1129 West Third, El Dorado, Kan.
Ries, Esther	2710 Jacob Street, Wheeling, W. Va.
Robinson, Robert	1914 Warwood Avenue, Wheeling, W. Va.
Romagnoli, Pietro P.	966 Clifton Street, Follansbee, W. Va.
Rompapas, Nicholas	518 Fort Washington Avenue, New York 33, N. Y.
Rosie, Shirley A.	132 Sylvan Avenue, West Hartford, Conn.
Rozanski, Thomas	35 Turner Street, Plymouth, Pa.
Rozman, Robert R.	1431 Sheffield Street, Pittsburgh, Pa.
Schott, Carolyn	20 Helen Avenue, West Orange, N. J.
Schryver, Gerald H.	R. D. 1, Rayland, Ohio
Schuch, Harry	521 Westinghouse Avenue, Wilmerding, Pa.
Schulz, Edwin F. Jr.	596 Manville Road, Pleasantville, N. Y.
Schulz, Richard H.	596 Manville Road, Pleasantville, N. Y.
Schumacher, Dorothy	454 Prospect Avenue, Mt. Vernon, N. Y.
Schwinger, Elton C., Jr.	8660 Griffon Avenue, Niagara Falls, N. Y.
Scott, John	34 Thayer Street, Washington, Pa.
Sel, Marilyn	109 Eastview Avenue, Leonia, N. J.
Shadle, Lloyd B.	Box 32, Ernest, Pa.
Shallenberger, Marion	Box 152L, Brilliant, Ohio
Sheets, Roger E.	811 Berkley Road, Indianapolis, Ind.
Sheldon, Patricia Ann	5 Cedarwood Terrace, Lexington, Mass.
Slade, Ronald H.	322 Tremont Street, N. Tonawanda, N. Y.
Snively, Richard	3515 Highland Avenue, Bellaire, Ohio
Southall, Sharleen	4025 Terrace Street, Cove Station, Hollidays Cove, W. Va.
Stafford, James W.	213 N. Mersington, Kansas City, Mo.
Staples, Carl W.	700 Washington Street, S. Braintree, Mass.
Steckel, Edwin M. Jr.	Oglebay Park, Wheeling, W. Va.

Stephens, David F.	909 South St. Bernard Street, Philadelphia 43, Pa.
Stubbs, Bernard	15 Birch Avenue, Wheeling, W. Va.
Stubbs, Rosemary	Box 152, Allison Park, Pa.
Sturges, John N.	Branchville Road, Ridgefield, Conn.
Sullivan, Jerry M.	452 Sixth Street, N. W., New Philadelphia, Ohio
Szeligowski, Aloysius H.	2659 W. 18th Street, Chicago, Ill.
Tamburine, Sidney	Hasson Heights, Oil City, Pa.
Tanks, Norman	602 Belmont Street, Martins Ferry, Ohio
Tarr, William R.	2023 Marianna Street, Wellsburg, W. Va.
Tatlock, Robert S.	425 Locust Street, Jeffersonville, Ind.
Thomas, Walter R. Jr.	Box E, Russells Point, Ohio
Thompson, Lisbeth A.	169 Cherry Lane, Teaneck, N. J.
Tiberg, Ethel A.	466 E. 5th Street, Mt. Vernon, N. Y.
Tomassene, Raymond S.	Hazlett Court, Wheeling, W. Va.
Topp, Ronald A.	Highland Park, Wheeling, W. Va.
Trowbridge, Norman	822 Highland Terrace, St. Albans, W. Va.
Vanderwall, Ruth	Bethany, W. Va.
Vecchione, Maria	146 Skillman Avenue, Brooklyn, N. Y.
Voit, Maxie R.	21 East 6th Street, Oil City, Pa.
Wampler, Janet	1334 Derry Street, Harrisburg, Pa.
Wampler, Thomas P.	2129 Duquesne Avenue, McKeesport, Pa.
Ward, Lois I.	Kirkwood Heights, Bridgeport, Ohio
Wattik, Charles	Box 99, Library, Pa.
Weaver, Baldwin W.	R. D. 2, Gibsonia, Pa.
Weisner, Lloyd C.	20 Suncrest Avenue, Wheeling, W. Va.
Wentworth, Alfred S.	502 Berlin Road, Forest Hills, Pa.
White, Edward G.	Bethany, W. Va.
Whitehead, Richard	7th Avenue, Wellsburg, W. Va.
Wilcox, Richard W.	1900 Darlington Road, Beaver Falls, Pa.
Williams, Richard	117 Oakview Avenue, Pittsburgh 18, Pa.
Wolfe, Helen J.	32 Summer Street, Cohasset, Mass.
Wood, Robert	810 14th Street, McKees Rocks, Pa.
Woodbury, James G.	37 Dusenberry Road, Bronxville, N. Y.
Woolery, L. Ann	Bethany, W. Va.
Wright, Samuel C.	Box 1790, Uniontown, Pa.
Wrublewski, Henry C.	70 Park Avenue, Naugatuck, Conn.
Yakim, James	2441 Sorrell Street, Pittsburgh, Pa.
Yunt, Janet L.	44 Montford Street, Battle Creek, Mich.
Zeka, James M.	1117 Heinz Avenue, Sharon, Pa.

UNCLASSIFIED STUDENTS

Baird, Kathryn	Bethany, W. Va.
Bardis, Panos	Recounion Langadion, Tripolis, Greece
Biddle, Anne	Beech Bottom, W. Va.
Bloquet, Henriette	62 Rue du Bac, Paris 7, France
Boettcher, Walter E.	Bethany, W. Va.
Bolling, John M.	Bethany, W. Va.

Chaffin, Margarit H.	Bethany, W. Va.
Charlton, Alice	2237 Charles Street, Wellsburg, W. Va.
Comninellis, Eustratios	Mudros Limnos, Greece
Dermatis, Efsthios N.	403 North 4th Street, Steubenville, Ohio
Dodder, Joyce	1022 Van Buskirk Street, Flint, Mich.
Flanagan, Frances	169 15th Street, Wheeling, W. Va.
Germon, Ruth	R. D. 1, Wellsburg, W. Va.
Good, Ann E.	15 Hawthorne Court, Wheeling, W. Va.
Gray, Lillian L.	Bethany, W. Va.
Greenwood, Calvin B.	Bethany, W. Va.
Heikkinen, Jorma	Kirjatyontekijankatu, 10B11, Helsinki, Finland
Hendrickson, Phyllis	Bethany, W. Va.
Hess, Mary Ann	Table Rock, Wheeling, W. Va.
Knight, Judith	Bethany, W. Va.
Moser, Catherine E.	Bethany, W. Va.
Parry, M. Joan	Bethany, W. Va.
Patterson, Sara	Bethany, W. Va.
Sumpstine, Patricia	Bethany, W. Va.
Woolery, Margaret	Bethany, W. Va.

ENROLLMENT BY CLASSES

	<i>Men</i>	<i>Women</i>	<i>Total</i>
Senior	98	51	149
Junior	151	50	201
Sophomore	117	72	189
Freshman	124	75	199
Special	7	18	25
TOTAL.....	497	266	763

ENROLLMENT BY STATES AND FOREIGN COUNTRIES

California	4
Canada	3
Canal Zone	1
Connecticut	9
Delaware	1
Finland	1
Florida	2
France	1
Georgia	1
Greece	2
Hawaii	1
Illinois	4
Indiana	8
Kansas	1
Kentucky	1
Louisiana	1
Maine	1
Maryland	3
Massachusetts	25
Michigan	11
Missouri	3
New Jersey	110
New York	100
Ohio	61
Pennsylvania	189
Rhode Island	2
Tennessee	2
Texas	3
Virginia	3
West Virginia	209
TOTAL.....	763

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BEQUESTS

Gifts to the college may take the form of lectureships, of scholarships, of professorships, of additions to the material equipment, or of contributions to the permanent endowment fund or the current expense fund of the college. Special conditions may, of course, be attached to any gift. Forms of bequests are suggested as follows:

A. UNRESTRICTED BEQUEST

I give, devise, and bequeath to the Trustees of the Bethany College, a corporation established by law at Bethany in the Commonwealth of West Virginia, the sum of_____dollars, to be applied to the general uses and purposes of the said institution.

B. UNRESTRICTED BEQUEST MAKING THE COLLEGE RESIDUARY LEGATEE

All the rest, residue, and remainder of any estate, real and personal, I devise and bequeath to the Trustees of the Bethany College, a corporation established by law at Bethany in the Commonwealth of West Virginia, to be applied to the general uses and purposes of the said institution.

C. BEQUEST FOR ENDOWMENT

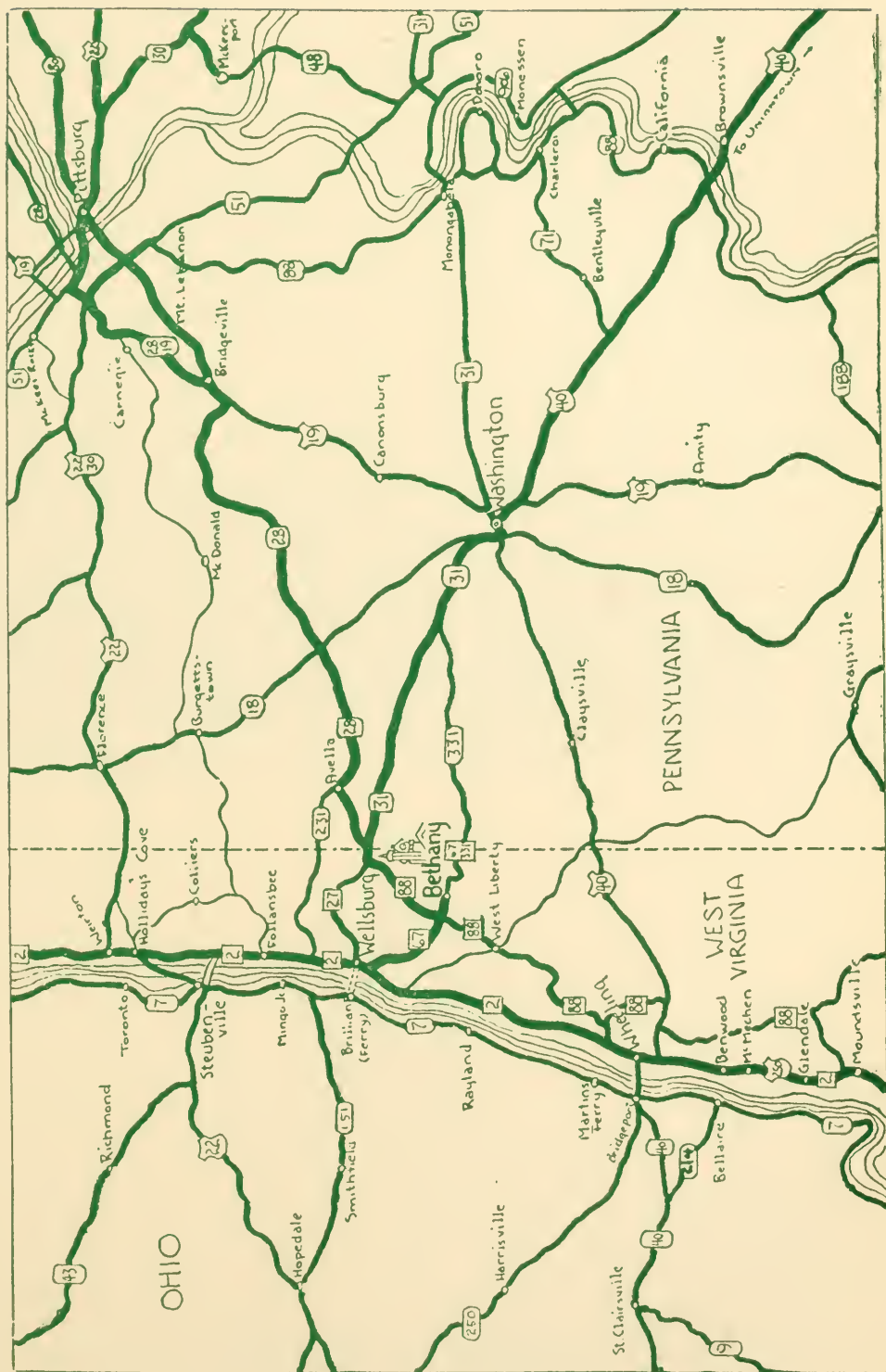
I give, devise, and bequeath to the Trustees of the Bethany College, a corporation established by law at Bethany in the Commonwealth of West Virginia, the sum of_____dollars to be invested and preserved inviolably for the endowment of Bethany College.

BETHANY COLLEGE is a privately governed college of the liberal arts and sciences. It is dedicated to high scholarship and Christian character. It derives its income from endowments, the gifts of its friends, and from student fees. It is not a tax-supported institution.

Opportunities in great variety confront those who would like to associate themselves with the good work of this college. There is need for large additions to the unrestricted endowment, for scholarships, for lectureships, and for endowed professorships. There is need for additional dormitories for men and women.

W. H. CRAMBLET, *President*

April 1949



BETHANY COLLEGE BULLETIN

CATALOGUE NUMBER

BETHANY

WEST VIRGINIA



APRIL 1950

CORRESPONDENCE

To avoid delay, correspondence should be addressed as indicated below:

Admissions

For everything concerned with the admission of students, including requests for the college catalogue and other publications, and information about rooms, tuition and other fees,

address

The Director of Admission

Matters of General College Interest and Development

address

The President

Concerning academic credits and student personnel matters

address

The Dean of Students

Concerning curriculum, instruction or faculty

address

The Dean of the Faculty

Concerning student accounts, deferred payments, purchases

address

The Business Manager

Alumni Activities

address

The Alumni Secretary

BETHANY COLLEGE BULLETIN

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April, 1950

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CATALOGUE

1950-1951

ANNOUNCEMENTS

for

1950-1951

CHARTERED IN 1840 BY THE STATE OF VIRGINIA

Bethany College is fully approved by regional and national accrediting agencies. The College is a member of the North Central Association of Colleges and Secondary Schools, the Association of American Colleges, and the American Council on Education.

Women graduates of Bethany College are eligible for membership in the American Association of University Women.

Bethany College is affiliated with the Board of Higher Education of the Disciples of Christ.

Bethany College is recognized by many learned societies and by several state departments of education as an institution for the training of teachers.

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SEPTEMBER 1950

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JULY 1951

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AUGUST 1951

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COLLEGE CALENDAR

First Semester

1950

September 17 to 21, Sunday to Thursday—Freshman Week.
September 20, Wednesday—Registration Day—Sophomores, Juniors and Seniors.
September 21, Thursday—Registration Day—New students.
September 22, Friday—8:00 A. M., Classes begin for all students.
October 21, Saturday—Fall Homecoming for Alumni and Former Students.
November 11, Saturday—Mid-semester grades are called.
November 30, Thursday—Thanksgiving—A college holiday.
December 2, Saturday—Modern Language Reading Test.
December 4, Monday—Elections to Recognition Societies.
December 16, Saturday—12:00 N., Christmas recess begins.

1951

January 3, Wednesday—8:00 A. M., Christmas recess ends.
January 13, Saturday—Advance Enrollment for Second Semester to be completed.
January 22 to 27, Monday to Saturday—Final Examinations for first semester.

Second Semester

February 1, Thursday—Registration Day for second semester.
February 2, Friday—8:00 A. M., Classes begin for all students.
February 25 to March 1, Sunday to Thursday—Christian Living Emphasis Week.
March 22, Thursday—Mid-semester grades are called.
March 22, Thursday—12:00 N., Easter recess begins.
April 2, Monday—8:00 A. M., Easter recess ends.
April 28, Saturday—Modern Language Reading Test.
May 5, Saturday—Payment of Advance Enrollment Fee due.
May 12, Saturday—Advance Enrollment for first semester of next academic year to be completed.
May 14, Monday—Election to Recognition Societies.
May 16, Wednesday—Reading period begins for Seniors.
May 28-29, Monday and Tuesday—Comprehensive Examination for Seniors—Written Part.
May 30 to June 2, Wednesday to Saturday—Comprehensive Examination for Seniors—Oral Part.
June 2 to June 8, Saturday to Friday—Final Examinations for second semester.
June 9, Saturday—Alumni Day.
June 10, Sunday—110th Annual Commencement.

OFFICERS OF ADMINISTRATION

WILBUR HAVERFIELD CRAMBLET.....*President of the College*

BERNAL ROBINSON WEIMER.....*Dean of the Faculty*

FORREST HUNTER KIRKPATRICK.....*Dean of Students*

JOHN GERALD PATTERSON.....*Director of Admissions and Alumni Secretary*

CARROLL B. FITCH.....*Business Manager*

NEWTON WALLACE EVANS.....*Bursar*

EDGAR HUGH BEHYMER.....*Librarian*

PART I
PERSONNEL

BOARD OF TRUSTEES

TERM EXPIRES JUNE, 1952

GEORGE J. BARTHOLD	Miners and Mechanics Savings and Trust Company, Steubenville, Ohio
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REV. JOHN W. LOVE	435 Leonard Avenue, Washington, Pennsylvania
MISS PEARL MAHAFFEY	Bethany, West Virginia
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DR. J. PARK McMULLEN	Wellsburg, West Virginia
J. C. MORRIS	East Main Street, Shelby, Ohio
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W. ARTHUR RUSH	Art Rush, Inc., California Bank Building, Vine at Selma, Hollywood 28, California
ALFRED E. WRIGHT	Spruce Way and Linden Place, Belmont Circle, Uniontown, Pennsylvania
MRS. HELEN I. WYCKOFF	94 North Main Street, Perry, New York

TERM EXPIRES JUNE, 1951

DONALD L. BOYD	Standard Printing and Publishing Company, Box 1240, Huntington, West Virginia
ALBERT H. HUNT	Consolidation Coal Company, Koppers Building, Pittsburgh, Pennsylvania
ROBERT D. HURL	Shelby Salesbook Company, Shelby, Ohio
JOHN MARSHALL	Union Trust Building, Washington 5, D. C.
R. H. MILLER	Traffic Department, Pennsylvania Railroad, Pittsburgh 22, Pennsylvania
DANIEL F. MULLANE	202 Kenneth Avenue, Greensburg, Pennsylvania
THOMAS W. PHILLIPS, JR.	Phillips Hall, Butler, Pennsylvania
AUSTIN V. WOOD	Board of Trade Building, Wheeling, West Virginia

TERM EXPIRES JUNE, 1950

ROY S. ADKINS	653 Ridgewood Avenue, Upper Montclair, New Jersey
F. O. CARFER	50 Lincoln Boulevard, Kenmore, New York
REV. A. DALE FIERs	3331 Bradford Road, Cleveland Heights, Ohio
FRANK P. JONES	340 King Street, Port Chester, New York
MAYNARD L. PATTON	35 Cliffview, Fort Thomas, Kentucky
SIDNEY C. PORTER	Globe Brick Company, East Liverpool, Ohio
DR. R. R. RENNER	12900 Euclid Avenue, East Cleveland, Ohio
DR. WALTER W. TILOCK	629 Broadway, Lorain, Ohio
W. S. WILKIN	Wellsburg, West Virginia

Faculty Representative for 1949-1950: Professor Earl D. McKenzie
 Faculty Representative for 1950-1951:

OFFICERS OF THE BOARD

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W. H. CRAMBLET, *President and Treasurer*

N. W. EVANS, *Secretary*

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Mr. Boyd, Chairman, Mr. Adkins, Mr. Hunt, Mr. Mullane, Mr. Patton

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INVESTMENT

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LIBRARY

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NOMINATIONS

Mr. Marshall, Chairman, Mr. Hurl, Mr. Morris, Mr. Porter, Mr. Wilkin

STUDENT WELFARE AND ATHLETICS

Mr. Fiers, Chairman, Mr. Adkins, Mr. Carfer, Mr. Palmer, Dr. Tilock

FACULTY OF INSTRUCTION*

1949-1950

WILBUR HAVERFIELD CRAMBLET, *President of the College on the M. M. Cochran Foundation.*

A. B., Bethany College; A.M., Ph.D., Yale University; LL.D., University of Pittsburgh. (At Bethany since 1917, president since 1934)

JEAN CORRODI MOOS, *Professor-Emeritus of Music.*

College of Music, Zurich; Royal Conservatory of Music, Leipzig; A.M., Mus.D., Bethany College; Oberlin College; Columbia University. (At Bethany 1897-1934)

HENRY NEWTON MILLER, *Professor-Emeritus of Bible School Pedagogy on the Herbert Moninger Foundation.*

A.B., A.M., Bethany College; Yale University; D.D., Bethany College. (At Bethany 1914-1937)

PEARL MAHAFFEY, *Professor-Emerita of Modern Languages.*

A. B., Miami University; University of California; A.M., Columbia University; University of Grenoble; McGill University; University of Paris; Harvard University; National University of Mexico; Litt.D., Bethany College. (At Bethany 1908-1949)

ANDREW LEITCH, *Sarah B. Cochran Professor of Psychology.*

A.B., A.M., Butler College; B.D., Ph.D., Yale University; Columbia University; University of Chicago; University of Pennsylvania; Harvard University. (At Bethany since 1920—on leave of absence second semester 1949-1950)

BERNAL ROBINSON WEIMER, *Dean of the Faculty and Professor of Biology.*

A.B., A.M., West Virginia University; Ph.D., University of Chicago. (At Bethany since 1921)

IRVIN TAYLOR GREEN, *Professor of New Testament and Church History.*

A.B., Transylvania College; A.M., B.D., Bethany College; University of Chicago; D.D., Milligan College. (At Bethany since 1921)

FORREST HUNTER KIRKPATRICK, *Dean of Students and Professor.*

A.B., Bethany College; University of Dijon; A.M., and Prof. Dipl., Columbia University; University of Pittsburgh; University of London; LL.D., Bethany College. (At Bethany since 1927)

EMMETT EPHRIAM ROBERTS, *Professor of Journalism.*

A. B., Ohio University; A. M., Ohio State University; New York University. (At Bethany since 1928)

* The names are arranged in order of rank and seniority of appointment.

OSBORNE BOOTH, *T. W. Phillips Professor of Old Testament.*

A.B., Hiram College; B.D., Ph.D., Yale University; University of Chicago.
(At Bethany since 1929)

JOHN J. KNIGHT, *Professor of Physical Education.*

A.B., West Virginia Wesleyan College; University of Michigan; A.M., Ohio State University. (At Bethany since 1930)

JOHN STANLEY VALENTINE ALLEN, *Professor of Physics.*

B.S. in E., M.S., Ph.D., Ohio State University. (At Bethany since 1933)

CHANDLER SHAW, *George T. Oliver Professor of History and Political Science.*

A.B., Rollins College; A.M., Ph.D., University of North Carolina; American Academy in Rome; Royal University, Perugia, Italy. (At Bethany since 1935)

REUBEN HAMILTON ELIASSEN, *Professor of Education.*

A.B., St. Olaf College; University of Minnesota; A.M., Columbia University; Stanford University; University of Chicago; Ph.D., Ohio State University.
(At Bethany since 1936)

EARL D. MCKENZIE, *Professor of Modern Languages.*

A.B., Brown University; A.M., Columbia University; University of Frankfurt am Main; Yale University; M. Litt., Ph. D., University of Pittsburgh.
(At Bethany since 1937)

ERWIN C. PAUSTIAN, *Professor of Sociology.*

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RUDOLPH H. KYLER, *Professor of Economics and Business Administration.*

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WALTER BREWSTER GREENWOOD, *Professor of English.*

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GLENN A. JOHNSON, *Professor of Physical Education.*

A.B., Huntington College; A.M., Columbia University. (At Bethany since 1948)

EDGAR HUGH BEHYMER, *Librarian with rank of Associate Professor.*

A. B., Indiana University; A. B. L. S., University of Michigan; A. M., University of Chicago. (At Bethany since 1941—on leave of absence for academic year 1949-1950)

BRADFORD TYE, *Assistant Professor of Mathematics.*

B. S., Alma White College; Rutgers University; M. S., New York University; Columbia University. (At Bethany since 1943)

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GEORGE K. HAUPTFUEHRER, *Assistant Professor of Music.*

A. B., B. M., Friends University; A. M., University of Kansas; Pittsburgh Musical Institute; Juilliard School of Music. (At Bethany since 1945)

S. ELIZABETH REED, *Assistant Professor of Physical Education.*

A. B., Muskingum College; M. Ed., University of Pittsburgh; University of Wisconsin; New York University; University of Wyoming. (At Bethany since 1945)

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A. B., Bethany College; A. M., University of Virginia; University of Pittsburgh. (At Bethany since 1946)

LOWELL E. BINKLEY, *Assistant Professor of Biology.*

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HELEN MAE OLSON, *Associate Dean of Students and Social Director.*

B. S., Northwestern University; A. M., Columbia University; Illinois State Normal University. (At Bethany since 1949)

JAMES BLAIR MILLER, *Minister of Bethany Memorial Church and Instructor in Religious Education.*

A. B., Bethany College; B. D., Yale University. (At Bethany since 1945)

ELIZABETH BELT, *Registrar.*

A. B., Bethany College; Columbia University; M. Ed., University of Pittsburgh. (At Bethany since 1946)

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A. B., American University; A. M., University of Wisconsin. (At Bethany since 1947)

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MARGARET JOAN PARRY, *Instructor in Modern Languages and Classics.*

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ALFONSO BERRIOS, *Instructor in Modern Languages.*

A. B., University of Pittsburgh; University of Iowa; A. M., University of Pittsburgh; University of Southern California. (At Bethany since 1948)

MARY E. BREWER, *Head of Residence at Phillips Hall and Director of Counseling.*

A. B., James Milliken University; Columbia University. (At Bethany since 1948)

ROBERT L. HUESTON, *Instructor in Economics and Business Administration.*

A. B., Bethany College; M. B. A., University of Wisconsin. (At Bethany since 1948)

MARY VUKOVICH, *Instructor in Music.*

A. B., Ohio State University; University of Belgrade. (At Bethany since 1948)

MALVIN N. ARTLEY, *Instructor in Music.*

B. M., Shenandoah Conservatory of Music; M. M., Cincinnati Conservatory of Music. (At Bethany since 1949)

JAMES E. BRAINERD, *Instructor in Psychology.*

B. S., A. M., Kent State University. (At Bethany since 1949)

CHARLES R. TRUMBO, *Instructor in English.*

A. B., Transylvania College; A. M., University of Kentucky; Louisiana State University. (At Bethany since 1949)

A. KNIGHT SMITH, *Associate in Department of Art.*

COLLEGE LIBRARY

EDGAR HUGH BEHYMER.....	<i>Librarian</i>
A. B., Indiana University; A. B. L. S., University of Michigan; A. M., University of Chicago.	
EDNA WELLING WOOLERY (MRS.).....	<i>Assistant Librarian and Cataloguer</i>
A. B., Bethany College; Columbia University.	
RALPH A. DEFLIN.....	<i>Associate</i>
EDWARD A. DESCIORA.....	<i>Associate</i>

OFFICE OF DEAN OF STUDENTS

ELIZABETH BELT.....	<i>Registrar</i>
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B. S., Northwestern University; A. M., Columbia University; Illinois State Normal University.	
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B. S., Pennsylvania State College.	
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GENEVIEVE GRAY.....	<i>Senior Secretary</i>

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VIRA M. HETTLER, <i>Gateway Hall</i>	ETHEL D. METZNER, <i>Kappa Delta</i>
GRACE HINE (MRS.), <i>Alpha Xi Delta</i>	MARGARET WILSON (MRS.), <i>Point Breeze</i>

STUDENT HEALTH SERVICE

EDGAR WADE MAHAN, M. D.....	<i>College Physician</i>
A. B., Bethany College; M. D., University of Maryland.	
CATHERINE SPRINGER, R. N.....	<i>College Nurse and Superintendent of Infirmary</i>
MARY CATHERINE COX (MRS.), R. N.....	<i>Associate Nurse</i>
LOIS N. WEAVER, R. N.....	<i>Part-time Associate Nurse</i>
JOYCE KINSEY (MRS.), R. N.....	<i>Part-time Associate Nurse</i>

OFFICE OF BUSINESS MANAGER

S. CLEMENT IRWIN.....	<i>Plant Superintendent</i>
B. S., University of Illinois.	
JAMES GRIBBEN.....	<i>Chief Engineer</i>
HARRY MILTON MYERS.....	<i>Bookkeeper</i>
DESSIE MAE RUPE (MRS.).....	<i>Bookkeeper</i>
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B. S., Columbia University.	
CHRISTINE HERRING.....	<i>Dietitian</i>
B. S., Eastern Carolina Teachers College; Women's College of the University of North Carolina.	
MARY LOU SEELEY.....	<i>Dietitian</i>
B. S., Cornell University.	
LAWRENCE V. VAN SICKLE.....	<i>Manager of College Stores</i>
West Virginia University.	
HARRY R. AFFLERBACH.....	<i>Assistant Manager of College Stores</i>
A. B., Bethany College.	
CLAYTON E. BENEDICT.....	<i>Storekeeper</i>

OFFICE OF DIRECTOR OF ADMISSIONS

WILLIAM C. HALLEY.....	<i>Assistant to Director of Admissions</i>
A. B., Bethany College; University of Wisconsin.	
VINA ADAMS BAIRD (MRS.).....	<i>Administrative Assistant to Director of Admissions</i>
A. B., Bethany College.	

OTHERS ON ADMINISTRATIVE STAFF

ANNE BIDDLE.....	<i>Secretary to the Business Manager</i>
JOAN DUFOUR.....	<i>Secretary to the Dean of Students</i>
MARGUERITE FIELDS (MRS.).....	<i>Secretary to the President</i>
NINA LUDINGTON (MRS.).....	<i>Secretary to the Plant Superintendent</i>
MARGARET LATZ MCKINNEY (MRS.).....	<i>Secretary to the Dean of Faculty</i>
BETTY ROBINSON.....	<i>Secretary to Manager of Food Service</i>
MOLLY E. TRUMBO (MRS.).....	<i>Secretary to Alumni Secretary</i>
ESTHER UNTERZUBER (MRS.).....	<i>Secretary to the Director of Admissions</i>

STANDING COMMITTEES OF FACULTY

1949-1950

Admissions and Classifications

Mr. Kirkpatrick, Chairman; Mr. Allen, Miss Belt, Mr. McKenzie, Mr. Weimer

Athletics and Physical Recreation

Mr. Eliassen, Chairman; Mr. Brown, Mr. Johnson, Mr. Knight, Miss Reed

College Memorabilia and Campbell Mansion

Mr. Ice, Chairman; Mr. Behymer, Mr. Evans, Mr. Green, Mr. Shaw

Faculty Welfare and Security

Mr. Leitch, Chairman; Mr. Booth, Mr. Kyler, Miss McGuffie, Mr. Shaw

Gans Award

Mr. Weimer, Chairman; Mr. Allen, Miss Belt, Mr. Brown, Mr. Kyler

Honors

Mr. Weimer, Chairman; Mr. Kirkpatrick, Mr. McKenzie, Miss Olson, Mr. Paustian

Lectures and Concerts

Mr. Greenwood, Chairman; Miss Olson, Mr. Booth, Miss Gray, Mr. Hauptfuehrer

Library

Mr. Weimer, Chairman; Mr. Behymer, Mr. Greenwood, Mr. Kyler, Miss Woods

Ministerial Training

Mr. Booth, Chairman; Mr. Green, Mr. Ice, Mr. Leitch, Mr. Miller

Public Relations

Mr. Patterson, Chairman; Miss Gray, Mr. Kirkpatrick, Mr. McKenzie, Mr. Weimer

Religious Life

Mr. Miller, Chairman; Mr. Hueston, Mr. Kesselring, Mr. Knight, Miss Woods

Calendar

Miss Olson, Chairman; Mr. Coughanour, Mr. Fuoss, Mr. Hauptfuehrer, Mr. Kirkpatrick

Scholarships and Financial Aids

Mr. Kirkpatrick, Chairman; Mr. Fitch, Mr. Ice, Mr. Patterson, Mr. Weimer

Teacher Training

Mr. Eliassen, Chairman; Mr. Tye, Miss Belt, Mr. Johnson, Mr. Shaw

PART II
BETHANY COLLEGE
AND ITS FACILITIES

BETHANY COLLEGE AND ITS FACILITIES

Historical Background

Bethany College, one of the oldest institutions of higher learning west of the Allegheny Mountains, had as its forerunner the Buffalo Seminary, inaugurated at Bethany, Virginia, in the year 1818 in the home of Alexander Campbell.

The chartering of the college by the State of Virginia on March 2, 1840 was the result of the vision and zeal of Mr. Campbell, religious and educational leader, business man, traveler, lecturer, writer, editor and preacher. Representing one stage of a sweeping plan for the complete education of the individual, Bethany College had as its chief purpose the formation of moral character. The original purpose was declared to be the formation of character, "the culture of the heart."

The charter of the college was granted "for instruction of youth in the various branches of science and literature, the useful arts, agriculture, and the learned and foreign languages." Though the college was inaugurated as an institution of liberal arts considerable weight was given to the natural sciences. The Bible was also made a textbook in the college and Bethany was the first college in America to take this action.

From 1840 to 1889 the affairs of the College were directed by Alexander Campbell as President, and by his successor, William K. Pendleton, a member of the original faculty. The untimely death of the third president, W. H. Woolery in 1891 ushered in a period of great uncertainty in the history of the college.

In the twentieth century, under the able leadership of Thomas E. Cramblet and Cloyd Goodnight, the college began a steady growth in size, facilities, endowment, scope of instruction, and academic recognition. This progress has been continued under the present administration.

The college is situated in the village of Bethany in the northern panhandle of West Virginia, seven miles southeast of Wellsburg, fifteen miles north of Wheeling, and forty-five miles southwest of Pittsburgh, Pa.

Campus and Buildings

The college campus, consisting of about fifty acres, is located on a hilltop overlooking the Buffalo Creek.

Near the campus is located the home of the founder, now known as the Campbell Mansion. It is maintained by a joint Committee of the Disciples of Christ and college representatives and is visited each year by many hundreds of people from every corner of the United States.

On the main campus stands The Heights, erected in 1841 as the home of W. K. Pendleton, a member of the first faculty and second president of the college. It is used today as the home of the college president.

The Main College Building, built in 1858 to replace the original college building destroyed by fire the previous year, stands in the center of the upper campus flanked on either side by Commencement Hall and Oglebay Hall. These three buildings, though completed at different times, were planned as a harmonizing unit and present a total picture of distinctive beauty.

Commencement Hall, constructed in 1872, provides the setting for student convocations, Commencement exercises, concerts, and other appropriate events. A pipe organ is included in the facilities of the auditorium. Studios and practice rooms of the Department of Music are located on the lower floor of this building.

Oglebay Hall, donated to the college by the late Earl W. Oglebay, of the Class of 1869, accommodates the Departments of Chemistry and Biology, research laboratories, and administrative offices.

The Carnegie Library, now containing approximately 48,000 volumes of carefully selected books and periodicals, is located on the upper campus near the major instructional buildings.

Dormitory Facilities

Phillips Hall is the central building for women students. In addition to dormitory accommodations, it contains a large dining hall, drawing room, loggias, guest rooms, and administrative offices. Other dormitory accommodations for upperclass women are provided by Gateway Hall and by four national sororities.

Men of the college are accommodated as freshmen in the Percy B. Cochran Hall, built as a memorial by the late M. M. Cochran of the Class of 1875 to his son, Percy B. Cochran of the Class of 1900. Additional accommodations for upperclass men are provided by Point Breeze Hall, seven supplementary housing units, and five national fraternities.

Dining facilities for men are provided in the Bethany House, the large student union building, completed in 1948 on the lower campus.

The Rine Recreation Fields, a memorial to the late Edwin M. Rine, friend and benefactor of the college, is the site for the new Alumni Field House serving as the center of men's physical education activities. The Rine Fields include areas for baseball, soccer, football, track and field and also a separate athletic field for the use of the college women.

Irvin Gymnasium, built by the Irvin family of Big Run, Pennsylvania, serves as the center of women's physical education. It is adjoined by the women's athletic field, tennis courts and volley ball courts. A swimming pool is located in Irvin Gymnasium.

Laboratories

The biology laboratories and seminar room, located in Oglebay Hall, provide instructional equipment for courses in general biology, plant morphology and physiology, bacteriology, comparative anatomy, embryology and histology. Special laboratories and facilities are available for advanced students conducting independent studies.

Laboratories of the Department of Chemistry occupy the second and third floors of Oglebay Hall. They consist of a general laboratory, an analytical laboratory, and a laboratory for organic and physical chemistry. There are also two minor research laboratories, a spectroscopic laboratory, balance rooms, chemical storerooms, and a small machine shop included. Special laboratories and facilities are available for advanced students conducting independent research.

The laboratories in the Department of Physics are on the first floor of the Main Building. Equipment for elementary and advanced courses is available. The college also possesses apparatus for work in the fields of radio, electronics, astronomy, spectroscopy and radioactivity, and is licensed to operate short-wave radio station W8PME.

The laboratory of the Department of Psychology is located in the Main Building, adjoining the psychology lecture rooms. Equipment is available for work in experimental psychology, mental measurements, and some phases of applied psychology.

The studios and practice rooms of the Department of Music include modern sound equipment in addition to pianos and a two-manual Teller-

Kent pipe organ. Another pipe organ is available to students of music in the Bethany Memorial Church.

Radio Station WWBN, operated as a long wave station on the principle of carrier-current, provides a campus laboratory for courses of study related to the operation and maintenance of a radio station.

Miscellaneous

A semi-permanent building was recently acquired from the federal government to provide additional faculty offices. This building is located on the main campus.

The College Infirmary occupies a separate building on the lower campus and includes the doctor's office, treatment room, medicine room, nurse's quarters, and small wards for men and women.

All buildings on the main campus are heated by the Cochran Central Heating Plant.

The college lands include about 1,000 acres of farm and timber land, including the original Alexander Campbell farm, the Parkinson farm and oaks, and the Point Breeze estate. A nature trail for student recreation and a cross-country course are included in the college properties.

Endowments

The College recognizes with appreciation the gifts of funds which not only provide in perpetuity lasting memorials for individuals and families but also make possible the program of the private college of quality.

The book value of the endowments of Bethany College as of June 30, 1949, was \$3,093,767.12.

Included in these funds are the *M. M. Cochran General Endowment of 1921* valued at \$500,000 and the *M. M. Cochran General Endowment of 1923* valued at \$300,000. In collaboration with the Men and Millions Movement of the Disciples of Christ, Mr. Cochran also began an endowment of the President's Chair at Bethany College which eventually totaled \$100,000.

The *M. M. Cochran Trusts* are three special funds set up subject to certain remainder interests, the balance of the income to be used for general purposes of the college. Certain life interests being satisfied, these trust funds are to become a part of the M. M. Cochran general endowments. The book value of these trusts is \$1,048,778.11.

The *Hon. Thomas W. Phillips, Sr.*, of New Castle, Pennsylvania, has given \$30,000 to endow a chair known as the *Thomas W. Phillips Bible Chair*.

Mrs. Sarah B. Cochran, of Dawson, Pennsylvania, has contributed \$25,000 toward the endowment of a chair to be known as the *Sarah B. Cochran Chair of Philosophy*.

Through the interest and generosity of many Bible schools, churches and individuals a fund of \$25,000 has been given to the college for the endowment of the *Moninger Memorial Chair of Bible School Pedagogy*. Herbert Moninger was a graduate of the Class of 1898.

The late *Senator George T. Oliver* of the Class of 1868 gave \$50,000 to the permanent endowment to be used for the endowment of the *George T. Oliver Chair of History*.

In connection with the Men and Millions Movement of the Disciples of Christ, *R. A. Long* of Kansas City, Missouri, gave \$50,000 to the endowment fund of the college. This amount is designated as endowment for the *Chair of Mathematics*.

The *Hon. T. W. Phillips, Jr.*, of Butler, Pennsylvania, has donated \$55,000 to the general endowment fund of the college to be known as the *T. W. Phillips, Jr., Endowment Fund*.

The late *E. M. Rine*, of Montclair, New Jersey, bequeathed to the college a large share of his estate. Monies from this estate are placed in the *E. M. Rine Trust Fund* as they are received and are disbursed in accordance with the action of the Board of Trustees. The Rine Recreational Fields and the Point Breeze estate including Point Breeze Hall for Men and the area being developed for faculty housing are included in the properties acquired by the Rine Trust Fund.

The *Anna Ruth Bourne Fund* was established at the death of the beloved professor who had served for many years as head of the Department of English by a bequest to the college of her library and the sum of \$12,000 as a gift to the endowment funds of the college. The income from this fund is to be used to purchase books and supplies for the Department of English.

Upon the death of *Emma Louise Helwig*, a resident of Wheeling, West Virginia, in 1933, the college came into possession of funds totalling more than \$32,000 by the terms of Miss Helwig's will. This money was bequeathed to the college without reservation, and by action of the Trustees was temporarily designated as Endowment.

Special Funds

As an incentive to scientific research by both graduates and undergraduates of Bethany College, the *Gans Fund* was established by Wickliffe Campbell Gans, of the Class of 1870, and his brother Emmett W. Gans, in memory of their father and mother, *Dr. Daniel L. Gans and Margaret Gordon Gans*. The fund has a value of \$50,000, income from which is available to upper division students and graduates of Bethany College.

The college has also been the recipient of considerable money established as special funds to assist young men and women who are studying for the Christian Ministry. Included among these are the *J. T. Smith Fund* of \$17,216, *Minnie W. Schaefer Fund* of \$3,000 and the *Josiah N. Wilson Fund* of \$2,567.03.

By the will of *Clarinda Pendleton Lamar*, the sum of \$20,000 was bequeathed to the college to establish the *William Kimbrough Pendleton Scholarship Fund* in memory of her father. The income from this fund is awarded to students from West Virginia under such conditions as the faculty may prescribe.

The *John H. and Ida H. King Trust Fund* was established by the will of Ida H. King—"rendering financial assistance . . . to worthy young students . . . upon such terms . . . as the trustees . . . deem advisable." The present value of this fund is \$8,000.

Currently included in endowment funds are \$66,000 received from the Men and Millions Movement of the Disciples of Christ and designated for general purposes of the college.

PART III
THE BETHANY PROGRAM

THE BETHANY PROGRAM

Bethany is essentially a liberal arts college that encourages each student to plan his educational program so that it will serve as the basis for a worthwhile career. Its program, the result of constant analysis by the faculty, is designed to meet the purposes of the college.

The continuing purpose of Bethany College is to assist its students in their preparation for intelligent and creative participation in contemporary living, and to maintain in its faculty and student body standards of excellence in scholarship, culture, and conduct.

The particular aims of the college are:

- (1) To impart basic knowledge and to develop those habits, skills, and attitudes that contribute to the most effective personal and group living.
- (2) To establish sound habits of study and critical thought by investigation, experimentation, reading and discussion.
- (3) To provide opportunity for the development of health, physical fitness, good taste, poise, and courtesy.
- (4) To promote broad knowledge of and love for the United States of America through a deeper understanding of her achievements, hopes, and capacities, to stimulate appreciation for the institutions and cultural contributions of mankind, and to arouse a fellow-feeling for all nations and races.
- (5) To develop appreciation for great literature, and to encourage self-expression in speaking, writing, and the fine arts.
- (6) To enable the student to concentrate in an area of interest leading toward a vocation or specialization in one particular field.
- (7) To provide higher education in an atmosphere of Christian ideals and Christian faith and to develop the moral character and religious life of its students.

In meeting these purposes the dominant tone in the instructional activities at Bethany College is an emphasis upon the common adventure of students and instructors in learning and living. The college experience is interwoven with opportunities for exchanging ideas, for giving and absorbing inspiration, and for all kinds of cordial faculty-student rela-

tionships. The instructional and guidance plan of the college makes it possible to work with students as individuals and to make allowances for differences in experience, attitudes and interests.

Student Guidance

Bethany College recognizes the need of giving its entering students an introduction to their work in new surroundings, and requires freshmen to come to the campus several days before the formal registration of other students. This "Freshman Week" is devoted to efforts to introduce the students to the college and, at the same time, to introduce the college to the student.

Freshman week activities include placement and achievement tests, which enable the faculty to place the student in the classes for which he is best fitted, and also to counsel with him better on the basis of more individual information.

From the beginning of his college career each student has a faculty counselor. After the freshman year the counselor is normally a faculty member whose special academic interests approximate those of the student. The student has unusual opportunities to be in frequent contact with his counselor, and reports of accomplishment and difficulties can be made directly to him.

The student-counselor relationship, concerned with the student's entire personal and educational development, occupies a significant place in the college plan. So far as possible it replaces detailed faculty regulations with an individualized program aiming at continuity and personal attention. These counselors, while ministering to all the needs of the student, have as their most important function the interpretation and presentation of valid educational objectives.

The counselor is concerned with the student's selection of courses, his academic progress, standards of conduct, vocational plans and objectives, and recreational and social expression.

The chief officer in charge of student guidance, student welfare, and the coordination of all student personnel administration is the Dean of Students. Members of his staff are available for help in career guidance, social adjustments, financial problems, plans for graduate or professional study, or personnel analysis.

Placement

The Director of Guidance is concerned with placement service and his office is available for students and prospective employers. He assists students needing to secure part-time employment while attending college and those who need to find summer work; he helps members of the graduating class who are seeking their first positions or making applications for graduate fellowships; and he gives as much assistance as possible to alumni on request. The office can not undertake to find employment for anyone or to assume the responsibility for making all contacts with prospective employers.

Instructional Divisions

The college curriculum and general plan of instruction recognize a lower division and an upper division; the former represents the freshman and sophomore years, and the latter the junior and senior years. The work in the lower division emphasizes what is usually called a "general education," and it represents the undergirding of the student's cultural and academic experience. It assumes that the student should become familiar with different fields of knowledge and that the program of general education offered in higher institutions should be essentially a continuation of the program of general education undertaken in the secondary school.

In the first two years it is expected that the student will discover the area of human achievement in which he possesses a marked and sustained interest and ability. During these two years, there are frequent conferences between the student and his counselor on the progress in courses, projects of study undertaken and total adjustment in academic, vocational and social matters.

The student usually completes the specific course requirements for graduation in the lower division.

A general survey examination is given at the end of the lower division work. Results of these examinations are used for educational guidance.

In the upper division students work under the professor in charge of the major subject. The teaching procedures and materials give emphasis to individual initiative and concentrated work. As far as possible the student's work is library and laboratory centered. Extensive reading, problems, and seminars are regular procedures in upper division in-

struction. The development of an ability to form thoughtful judgments and evaluations, the "attitude of the searcher," and sustained intellectual interests, are a part of the instructional aims at this level.

Students are expected to select their major and minor work in departments that offer adequate courses. A large part of the student's program in the upper division will center about this department and its allied fields. The major may be confined to the work of a single department, or related departments may offer "functional majors" embracing work in two or more departments, if the work is planned and administered as a unit.

REQUIREMENTS FOR DEGREES

Bethany College confers, at formal graduation exercises, upon students who have satisfied all appropriate requirements and have maintained high standards of character the degrees of Bachelor of Arts or Bachelor of Science.

Requirements of Hours

Candidates for either of the baccalaureate degrees are required to complete a total of 126 semester hours of academic work for graduation. Of this number, 40 semester hours must be in upper division courses. Of the 126 semester hours presented for graduation, at least 96 must be of "C" grade or better. Only 12 hours, as a total, in applied music, applied art, or activity courses in Physical Education can be used toward meeting the minimum requirement.

Candidates for the Bachelor of Science degree must present at least 40 semester hours from courses taken in Biology, Chemistry, Mathematics, or Physics. Of these 40 semester hours, at least 25 of them must be in the upper division.

In the case of students transferring from institutions of junior college standing, credit will be allowed for not more than 65 semester hours.

Students who have anticipated the subject matter of courses prescribed for the baccalaureate degrees may make application to the Committee on Admissions and Classifications to take an achievement test. If the result of this test indicates sufficient mastery of the subject, the necessity to take the prescribed course will be waived. Passing the achievement tests will not give credit in hours toward the degree.

Requirement of Quality Points

Quality points, awarded on the basis of final grades received, are required for graduation. At least 252 quality points must be earned and of these at least 80 must be earned in upper division courses. In computing quality points the following values are used: $A = 4$, $B = 3$, $C = 2$, $D = 1$ quality points for each semester hour.

Distribution Requirement

Candidates for graduation are required to complete a full year course in several of the major departments of the college. Such courses have been designated by the faculty as representing an "introduction to general education."

The following specific course requirements must be met by all candidates for the baccalaureate degree:

6 semester hours in English composition or literature

6 semester hours in one of the following:

Biology, Chemistry, Mathematics, Physics or Physical Science

6 semester hours in Biblical Literature, i. e., courses in

Old and/or New Testament

6 semester hours in one of the following:

History, Political Science, Economics, or Sociology

6 semester hours in one of the following:

Psychology, Philosophy, or Education

6 semester hours in Physical Education, i. e., two hours in

personal hygiene and four hours in activities courses.

Foreign Language Requirement:

A reading knowledge is required in one of the foreign languages offered at the college or approved by the Committee on Admissions and Classifications. This requirement may be satisfied by the completion of the second year course in the language at the college level; or by written and oral examination given under the direction of the Department of Modern Languages or the Department of Classics.

Requirement of Major

The department in which a student elects to major shall determine specific requirements for the student, not only of work to be done in the major department, but courses to be completed in other departments to buttress the major. The general outline of the requirements for each major is listed in the section of this bulletin that carries Courses of Instruction. With the approval of the Dean of Faculty, certain modifications can be made to meet the needs of the individual student.

It is expected that no major will include less than 24 semester hours and that at least 12 semester hours in the major field must be completed in the courses in the upper division. At least 48 quality points must be earned in the major department. These represent the minimum for the college. In all cases, it is expected that the student will complete a large part of his major work in the junior and senior years.

The major is usually confined to work in a single department, but related departments may offer "area majors" embracing work in two or three departments, if the work is planned and administered as "an integrated unit." At the beginning of course work in the upper division, such a major must be approved by the Dean of the Faculty.

Requirement of Minor

In addition to the major, each student must elect at least 18 semester hours in a minor subject. A minimum of 36 quality points is required in the minor. The faculty counselor must be consulted in the selection of the minor.

Requirement of Examination

A comprehensive examination, both written and oral, is required of each candidate for a degree at Bethany College. This examination is given under the direction of the professor in charge of the major subject with the assistance of a faculty committee appointed by the Dean of the Faculty. It is intended to cover the total range of material and accomplishment for an undergraduate major. A student failing in the comprehensive examination shall be considered as failing to meet the requirements for graduation and shall not be graduated.

Comprehensive examinations are given once each academic year. Students who fail to pass the comprehensive examination shall, upon payment of a suitable fee, be given a second opportunity only at the end of any subsequent year, provided reasonable notice has been given to the Committee on Admissions and Classifications and the department head. Further opportunity to take this examination shall be given only by special vote of the faculty.

Students desiring to take senior comprehensive examinations in a second major field may do so provided the head of the department concerned and the Dean of the Faculty approve, and that the student shall have paid the fee required for a special comprehensive examination.

Residence Requirement

Four years are usually required to satisfy the course and residence requirements for the baccalaureate degree. Students of superior ability may complete the requirements in less time. The senior year must be spent in residence at the college. In the case of students who have met all specific requirements except that of total hours, and who plan to enter an approved professional school, permission may be granted by the Committee on Admissions and Classifications to take the equivalent of the last semester of academic work in the professional school.

Not more than nine semester hours may be obtained in other undergraduate collegiate institutions for the fulfillment of the work of the senior year, except in a professional school as stated above.

Courses completed either in Bethany College or elsewhere, more than ten calendar years before the date of proposed graduation, will not be accepted for credit toward graduation. All candidates are expected to comply with the requirement for degree in effect at the time of acceptance of the application for degree. With the approval of the Committee on Admissions and Classifications and the payment of the required fee the candidate may take examinations, as administered by the various Departments, for courses included in the current curriculum, to re-instate academic credit that may have been declared not-valid because of date.

Student's Schedule

A student ordinarily carries fifteen or sixteen credit hours of academic work each semester, but it is possible for a student to carry additional credit hours with the permission of his faculty counselor. It is ordinarily expected that no student will carry more than nineteen credit hours in any one semester.

Courses should not be changed or dropped except within the first week at the start of any one semester. In special cases a change can be made in courses or schedule with the consent of the instructors concerned, the student's counselor, and either the Dean of the Faculty or the Dean of Students. After the first week it is possible for a student to drop a course only if the counselor and the Deans feel that the best interests of the student will be served by such procedure. Students are not permitted to drop any course without adequate reason and approval.

Class Absences

Students are expected to attend all class or laboratory meetings of a course and to participate in any outside activities which are part of the course. The final decision as to approving absences which may be required by illness or urgent matters of any kind is in the hands of the instructors concerned. Proper penalties or requirements may be imposed by an instructor for absences of any kind. In all cases class attendance is essential if the student is to get the maximum benefits. In case of excessive absences endangering academic work the Dean of Students or the Dean of the Faculty will be advised by the instructor.

Penalty for Late Registration

Students in attendance during any semester must register on the opening day of the following semester, if they desire to continue their work. Two dollars is charged for each day of delay in registration up to a total of three days. Class absences will be counted against the student for all days missed. This rule does not relate to students entering for their first semester.

Withdrawal

An honorable discharge will be granted to any student who is in good standing and is not subject to discipline, who may desire to withdraw from the college, if he has satisfied his counselor and a responsible officer of the college that there is good reason to justify such action. Students asking to withdraw should present such a request to the counselor in writing with a statement of approval from parent or guardian. The recommendation of the counselor should then be presented to the Dean of Students for final approval and record. No withdrawal will be considered complete until this action has been taken.

Final Examinations

All students may be required to take the final examination in all courses for which they are registered. Seniors who are taking the comprehensive examination in the major field are excused from final course examination.

Special Examinations

A student who has been marked conditional in his course at the end of the semester may, with the consent of the instructor, be given an opportunity to take a second examination on the payment of a fee of \$5.00

or when a student is justifiably absent from a final examination he may have a special test upon the payment of a fee of \$5.00. Fees for special examinations must be paid at the office of the Bursar before the examinations are taken. The Bursar's receipt must be presented to the instructor at the time of the examination and delivered by the instructor to the Registrar together with the grade given the student.

Grading System

The standing of a student in any course pursued is reported by letters. The meaning of the letters is as follows:

A—Excellent. The letter "A" is used to denote work of unusual merit. This grade carries four quality points for each hour of credit.

B—Good. This letter is used to show appreciation and grasp of the subject that is distinctly above the average and very satisfactory. This grade carries three quality points for each hour of credit.

C—Average. This letter signifies the grade of work done by an average student. It is expected that between fifty and sixty per cent of grades given will be "C." This grade carries two quality points for each hour of credit.

D—Inferior. This letter denotes work below the average. It shows a lack of application or of ability to grasp the subject. This grade carries one quality point.

Con.—This abbreviation denotes conditional failure. The student is granted the privilege of taking an examination to remove the condition, or, in case of a continuous course, it may be automatically removed if the student makes a grade of "C" or better the following semester. Failure to do so within the following semester will result in the grade being changed to "F." Regardless of the manner of removing the condition, no higher grade than "D" will be allowed.

Inc.—The abbreviation "Inc." denotes work not completed as a result of sickness or some other justifiable reason. An incomplete mark should be removed by the end of the fourth week in the following semester, unless an extension of time is granted. It is not possible for a student to remove an incomplete mark after twelve months.

F—Failure. The letter "F" denotes work that is definitely unsatisfactory and the course not passed. This grade carries no quality points.

W—Withdrawn.

A report of the scholastic standing of students is received at the Office of the Dean of Students at the mid-semester time in addition to the final semester reports. These reports are sent to the faculty counselor of each student and to parents or guardian.

Probation

The term "on probation" is applied to students who are allowed to continue in college after having failed to meet the standards expected by the faculty and administration.

Students may be placed on probation for any of the following causes, or a combination of them:

Unsatisfactory scholastic record;

Unsatisfactory class attendance;

Unsatisfactory deportment.

Probation will serve as a serious warning to the student, and to his parent or guardian, that his total record is unsatisfactory and that a significant improvement is expected and required.

Students on probation may be declared ineligible for participation in athletic or other student activities. A student on probation is not eligible to receive any grant from college scholarship or loan funds while on probation. Any student who is on probation and does not give evidence of significant improvement within a reasonable time will be required to sever his connection with the college.

Transfer of Records

Students wishing to transfer from Bethany College to another institution should request the Dean of Students or Registrar to send an official transcript of record and notice of honorable dismissal. One transcript is furnished for each student without charge; for each additional record a fee of one dollar is charged, this fee to be sent to the office with the request. All financial obligations to the college must be paid before a transcript can be issued. The request should be made at least one week before the transcript is needed.

Summer Courses

Credit will be given for a limited amount of work done in the summer session of an approved college or university provided the courses taken are appropriate to the liberal arts curriculum and grades earned are entirely satisfactory. Permission for summer study must be secured from the Dean of Students or the Registrar.

Junior Year Abroad

Specially qualified students may substitute for the work of the junior year in the college a year of study in Europe or England, under proper supervision and direction. To be eligible for the junior year abroad, the student ordinarily must have an average grade of "B" or over in the work of the first three semesters. Each application must be approved by the faculty. Any student who may wish to avail himself or herself of this opportunity should present the request in writing to the Committee on Admissions and Classifications before the end of the second semester of his or her sophomore year.

PART IV
CAREER PREPARATION

CAREER PREPARATION

The Bethany program is based upon the principle that the best preparation for a full and useful life is to be found in a liberal education with the proper sequence of courses.

The advancement in technological knowledge with its consequent impact upon our social and academic life has forcibly demonstrated that the program of education must be directed as much toward making a life as toward making a living. It is believed that only a liberally educated man or woman, well grounded in all phases of civilization, past and present, is equipped to face the vicissitudes of the rapidly changing modern world.

To ensure against a "fragmented" education and the resulting overspecialization, Bethany College prescribes a basic program of non-vocational subjects which are designed to make students better rounded personalities and more competent citizens. Common to all graduates of the college will be courses in written and spoken English, natural sciences or mathematics, Biblical literature, social studies, psychology or philosophy, foreign language, and physical education. These are the elements which make up the solid foundation which is designed to serve the student throughout his life. These are the courses which constitute a basic or core curriculum.

The importance is recognized of a choice of a life work. Bethany College places an experienced guidance and counseling program at the disposal of its students to assist them in their selection of careers for which they have shown an interest and aptitude and in which they will have an optimum chance for success. On the solid base of a general education the student can erect a structure of specialized courses in a major field which will train him for entrance into the business and professional world or graduate school.

Below are outlined a number of professional interests for which undergraduate preparation is to be found at Bethany. They represent only a sampling of the many programs the student may follow in preparation for his life work.

Medicine

At Bethany College students desiring to study medicine will find instruction and facilities which will satisfy the entrance requirements for the best medical schools. In keeping with the thinking of those who are engaged in medical education, the college advises broad basic training in general education, i. e., language, literature, philosophy, and social science.

The following list of courses will satisfy the basic requirements for medical school and will afford some suggested desirable electives as well. Professor B. R. Weimer is advisor to pre-medical students.

Biology 11-12	General Biology
Chemistry 15-16	General Chemistry
Chemistry 32	Quantitative Analysis
Chemistry 61-62	Organic Chemistry
Chemistry 71	Physical Chemistry
Biology 35	Comparative Vertebrate Anatomy
Biology 43	Heredity and Eugenics
Biology 78	Vertebrate Embryology
Psychology 31-32	General Psychology
Psychology 58	Abnormal Psychology
Physics 31-32	General Physics
Sociology 41	Principles of Sociology
English 27-28	Appreciation of English Literature and American Literature

Professional Chemistry

A thorough preparation for professional chemistry with a complete background of training in the liberal arts is offered in a program of courses that meets the requirements of the American Chemical Society. In addition, courses in Special Problems introduce the student to the principles of research, aiding in any contemplated graduate or industrial work following graduation. Professor C. F. Brown is advisor to students planning careers in this field. Suggested courses are:

Chemistry 31-32	Qualitative and Quantitative Analysis
Chemistry 61-62	Organic Chemistry
Chemistry 67-68	Advanced Organic Chemistry
Chemistry 75-76	Physical Chemistry
Physics 31-32	General Physics
Mathematics 31-32	Differential and Integral Calculus
History 51-52	Modern European History
Economics 43-44	Principles of Economics
Psychology 31-32	General Psychology

Physical Education

A major in physical education is offered for both men and women desiring to prepare for work in school or community programs of physical education. It is possible to satisfy the requirement for certification in physical education as prescribed in several states. Students wishing to prepare for work in this area should consult with the head of the Department of Physical Education, Professor J. J. Knight. Suggested courses available are:

Physical Education 15 or 16.....	Personal Hygiene
Physical Education 46.....	Community Hygiene
Physical Education 47-48.....	Theory and Practice of Team Sports
Physical Education 57.....	Community Recreation
Physical Education 58.....	Recreational Leadership
Physical Education 59.....	Prevention and Care of Injuries
Physical Education 72.....	Corrective Gymnastics and Normal Diagnosis
Physical Education 74.....	Organization and Administration of Physical Education
Physical Education 75-76.....	Theory and Practice of Individual Sports
Physical Education 78.....	Principles of Physical Education
Biology 35-36.....	Comparative Vertebrate Anatomy
Biology 67 or 68.....	Physiology
Education 31-32.....	Human Growth and Development
Psychology 31-32.....	General Psychology

Pre-Engineering

A broad training in the sciences and humanities provides a good foundation for students who look forward to specialization in one of the technical branches of engineering. The following courses are recommended for the first two years. A junior year program may be selected to include advanced courses in chemistry, physics, and applied mathematics. Professor J. S. V. Allen is advisor to pre-engineering students.

Mathematics 11-12.....	Mathematical Analysis
Mathematics 24.....	Plane Surveying
Mathematics 27.....	Descriptive Geometry
Mathematics 31-32.....	Differential and Integral Calculus
Mathematics 21-22.....	Engineering Drawing
Chemistry 15-16.....	General Chemistry
Chemistry 31-32.....	Qualitative and Quantitative Analysis
Economics 43-44.....	Principles of Economics
History 17-18.....	Development of Social Institutions
Physics 31-32.....	General Physics

Personnel Administration

Personnel work is a relatively new profession, born of the needs of modern life. Business and industry, schools and colleges, social agencies, and governmental agencies have become increasingly aware of the importance of better guidance, utilization and conservation of manpower. Many employment opportunities therefore, have opened for trained personnel workers. It is recommended that students who are planning to work toward a career in personnel work in business and industry should major in Economics and Business Administration, buttressed by specific courses in Psychology and in Sociology. Recommended courses include:

Economics 43-44.....	Principles of Economics
Economics 45-46.....	Introduction to Accounting
Personnel Administration 65.....	Labor Problems
Personnel Administration 66.....	Personnel Management
Personnel Administration 72.....	Government and Labor
Psychology 58.....	Abnormal Psychology
Psychology 59.....	Educational Psychology
Psychology 64.....	Aptitude and Personality Testing
Psychology 74.....	Personnel and Industrial Psychology
Psychology 69.....	Social Psychology
Sociology 54.....	Urban Sociology
English 27, 28.....	Appreciation of English and American Literature
Physical Education 46.....	Community Hygiene
Physical Education 57.....	Community Recreation

Dentistry

Admission requirements to dental schools have not been as generally standardized as in the case of other professional schools. Bethany College recommends at least a two-year program of pre-professional training for entrance. Students planning to enter dentistry should consult Professor B. R. Weimer. The following courses are recommended:

Chemistry 15-16.....	General Chemistry
Chemistry 34.....	Quantitative Analysis
Chemistry 61-62.....	Organic Chemistry
Biology 35.....	Comparative Vertebrate Anatomy
Biology 43.....	Heredity and Eugenics
Physics 31-32.....	General Physics
Psychology 31-32.....	General Psychology
Mathematics 11-12.....	Mathematical Analysis
Economics 43-44.....	Principles of Economics

Christian Ministry

Students who are preparing for the work of the Christian ministry, in the mission field or in the church at home, are urged to major in the Department of Religion but to include a broad study of the social studies, literature and sciences in the four year program. A majority of the ministerial students from Bethany College attend a seminary for graduate work. If such advance is not possible the course available at Bethany will enable the student to render effective service to the church.

New Testament 31-32.....	New Testament Survey
Old Testament 33-34.....	Old Testament History
Religious Education 79.....	The Theory of Religious Education
Religious Education 80.....	The Educational Work of the Church
Church History 51-52.....	History and Literature of the Disciples
Church History 69.....	The Ancient Church
Church History 70.....	The Reformation
Homiletics 61-62.....	The Theory of Preaching
Homiletics 63-64.....	The Work of the Pastor
English 31-32.....	Survey of English Literature
Psychology 31-32.....	General Psychology
Economics 43-44.....	Principles of Economics
Sociology 31.....	Introductory Sociology
Philosophy 53-54.....	History of Philosophy

Social Work

Complete preparation for social work cannot be given on the undergraduate level; however, a broad foundation and a framework of action can be provided for those interested in professional social work. Students planning to enter this field should consult with Professor E. C. Paustian. Courses available for those students planning a career in Social Work include:

Sociology 41.....	Principles of Sociology
Sociology 42.....	Family Relationships
Sociology 53, 54.....	Rural and Urban Sociology
Sociology 63.....	Criminology
Sociology 65.....	Community Organization
Sociology 67.....	Cultural Anthropology
Sociology 73-74.....	Social Theory
Sociology 76, 77.....	Introduction to Public Welfare and Social Work
Psychology 31-32.....	General Psychology
Psychology 69.....	Social Psychology
Economics 43-44.....	Principles of Economics
History 51-52.....	Modern European History

Public Service

Preparation for a career in government service will necessitate background training in the fields of political science, history, economics, sociology, psychology, personnel administration and English composition. Students wishing to prepare for foreign service should be well grounded in two languages and in European or Latin American history. Students planning careers in Public Service should consult with Professor Chandler Shaw. The following courses beyond the freshman level are especially recommended:

History 41-42	United States History
History 77	The Development of the American Nation
History 78	The Age of Big Business
History 51-52	Modern European History
Political Science 55-56	American Government and Politics
Economics 43-44	Principles of Economics
Economics 45-46	Introduction to Accounting
Economics 47	Business Statistics
Personnel Administration 65	Labor Problems
Personnel Administration 66	Personnel Management
Sociology 41	Principles of Sociology
Sociology 33-34	Fundamental Social Problems
English 27, 28	Appreciation of English and American Literature

Teacher Training

Students who are interested in education service are able to secure preparation for teaching in secondary schools. State requirements for certification vary but graduates of Bethany College can qualify for teaching in New York, Pennsylvania, Ohio, West Virginia, New Jersey and others. Professor R. H. Eliassen is the advisor for students planning to enter the teaching profession. Recommended courses in addition to the major field of interest are:

Psychology 31	General Psychology
Psychology 61	Educational Psychology
Education 31-32	Human Growth and Development
Education 52	Principles of Secondary Education
Education 65	Audio-Visual Education
Education 66	Guidance Principles and Practices
Education 80	Techniques of Teaching
Education 81-82	Observation and Directed Teaching
Education 85	Special Methods in Teaching

The program of accompanying subjects such as history, geography, speech, literature, natural science and biological science will vary according to the state or states in which the student wishes to be certificated.

Public School Music

The Music Department offers courses in public school music methods which, together with the theory courses taken by every music major, prepare students for the teaching of instrumental and vocal music in the public schools. Certification by state educational authorities requires work as prescribed by the Department of Education. Students planning to prepare for public school music work should consult with Professor George Hauptfuehrer. Suggested courses for such a program are:

Music 11-12, 35-36.....	Elementary and Advanced Ear Training and Sight Singing
Music 23-24, 45.....	Harmony I, II, III
Music 46.....	Counterpoint
Music 55.....	Form and Analysis
Music 56.....	Orchestration
Music 75.....	Conducting
Music 79-80.....	Instrumental Technique
Music 85.....	Methods and Materials in Teaching Music in the Elementary Schools
Music 86.....	Methods and Materials in Teaching Music in the Secondary Schools
History 51-52.....	Modern European History

Journalism

The courses in Journalism at Bethany College provide a career opportunity in newspaper work, magazine work, advertising, public relations, and free-lance writing. Many students prefer to seek additional professional preparation in various graduate schools of journalism. At Bethany a broad elective program will buttress the major work done in the Department of Journalism. Twelve semester hours in English literature must be included in a major in journalism. Professor E. E. Roberts is the advisor in Journalism. Suggested courses are:

Journalism 53, 56.....	Reporting
Journalism 63, 64.....	Features
Journalism 65.....	Advertising
Journalism 71.....	Radio and Play Writing
Journalism 66.....	History of American Journalism
Journalism 73.....	Short Story
Journalism 74.....	Advanced Fiction
Economics 43-44.....	Principles of Economics
English 31-32.....	Survey of English Literature
English 51-52.....	Survey of American Literature
History 51-52.....	Modern European History
Psychology 31-32.....	General Psychology

Business Administration

A complete program is offered in Business Administration as preparation for entering many of the occupations in the general field of business or a variety of the business activities of government. A student will major in the Department of Economics and Business Administration but will be expected to carry several courses in other departments. The student has the opportunity of selecting his own program from a variety of theoretical and practical courses. His faculty counselor assists in choosing studies furthering professional aspirations after graduation. Professor R. H. Kyler is advisor to students of Business Administration. Courses available to students of Business include:

Economics 45-46, 69-70.....	Introductory and Intermediate Accounting
Economics 47.....	Business Statistics
Economics 51-52, 54.....	Marketing, Retail Merchandising, Personal Selling and Sales Management
Economics 56.....	Insurance Principles and Practices
Economics 57-58.....	Corporation Finance and Business Law
Economics 61.....	Money, Credit and Banking
Economics 62.....	Industrial Management
Economics 63.....	Public Finance and Taxation
Personnel Administration 65.....	Labor Problems
Personnel Administration 66.....	Personnel Management
Personnel Administration 72.....	Government and Labor
Psychology 55.....	Applied Psychology
Sociology 54.....	Urban Sociology
Speech 41-42.....	Public Speaking
Political Science 55-56.....	American Government and Politics
History 41-42.....	United States History

Law

Admission to a school of law demands in most cases a four-year college course. There are, however, law schools that do admit students after the completion of three years of college work. The Association of American Law Schools, composed of the leading law schools, makes no specific requirements for the pre-law courses, but does recommend that the college course give the student a thorough intellectual training in history, English, languages, sciences, and social sciences. A pre-law student will usually major in history, political science or economics according to his interest. Professor Chandler Shaw is the advisor to pre-law students. Suggested courses would be:

English 31-32.....	Survey of English Literature
or	
English 51-52.....	Survey of American Literature
History 51-52.....	Modern European History
History 41-42.....	United States History
History 77.....	Development of the American Nation
History 78.....	The Age of Big Business
Political Science 55-56.....	American Government and Politics
Political Science 73.....	Origins of American Democracy
Economics 43-44.....	Principles of Economics
Economics 45-46.....	Introduction to Accounting
Economics 63.....	Public Finance and Taxation
Personnel Administration 68.....	Government and Labor
Sociology 63.....	Criminology
Psychology 31-32.....	General Psychology
Speech 41-42.....	Public Speaking

Recreational Leadership

In view of the increasing emphasis on recreational leadership and the intelligent use of leisure time in our present day life, a course of study has been outlined for students who wish to prepare themselves for such work. The course follows the general plan of preparation recommended by the National Recreation Association.

Students preparing for recreational leadership should preferably select major work in physical education with minor work and electives in sociology, education, psychology, art, music and English. Professor John J. Knight is advisor in this area.

Physical Education 46.....	Community Hygiene
Physical Education 47-48.....	Theory and Practice of Team Sports
Physical Education 51-52.....	Modern Dancing
Physical Education 57.....	Community Recreation
Physical Education 58.....	Recreational Leadership
Physical Education 74.....	Organization and Administration of
	Physical Education
Physical Education 75-76.....	Theory and Practice of Individual Sports
Speech 41-42.....	Public Speaking
Speech 53-54.....	Play Production
Speech 71-72.....	Introduction to Radio Speech and Drama
Economics 43-44.....	Principles of Economics
Education 31-32.....	Human Growth and Development
Sociology 41-42.....	Rural and Urban Sociology
Sociology 65.....	Community Organization
Psychology 61.....	Educational Psychology
Psychology 69.....	Social Psychology
Music 31-32.....	Music Appreciation

Librarianship

Bethany College provides pre-professional training for librarianship. Entrance to accredited graduate library schools of Class I and Class II type is currently obtained on the basis of a Bachelor's degree with work in social studies, literature, and languages. Students contemplating further study in library school are urged to select widely in the Departments of History, English, Business Administration, Sociology and other fields, doing their major work in the field of primary interest. Two courses are offered on the undergraduate level in library work, "Introduction to Librarianship" and "Library Technique." Actual experience in library work is offered through a laboratory program in the college library.

Students planning to enter this profession should work out their program of study with their major department head and the college librarian, Professor E. Hugh Behymer.

Careers in Other Fields

Training may be had at Bethany College in many fields not included among the preceding outlines.

For many careers toward which a college man or woman turns, graduate or professional work is necessary; in others, students enter interesting occupations upon completing their undergraduate work and rise rapidly due to their background of education.

The general educational program at Bethany College is designed to aid the student in choosing his career wisely. Facilities of the Guidance Office under the supervision of the Dean of Students are available to all students. The type of instruction permitting free inquiry and close relations with faculty members is an asset in making this important choice.

PART V

THE ADMISSION OF STUDENTS

THE ADMISSION OF STUDENTS

The entrance requirements at Bethany College are the outgrowth of experience in dealing with the problems of secondary school and college students. The college undertakes to accept applicants who are well qualified to benefit from the type of educational experience and academic life available at Bethany College. It is expected that all applicants will be taking regular academic work as candidates for a baccalaureate degree.

All applicants for admission must furnish evidence of good moral character, sound physical and mental health, as well as adequate scholastic preparation. Students who do not want to be associated with Christian ideals and responsibilities should not plan to come to Bethany. The Committee on Admissions and Classifications will undertake to consider the best interests of the applicant and the college before final acceptance is made.

Freshman Admission

Applicants for admission to the freshman class will be judged acceptable in terms of scholastic preparation and intellectual maturity by either of the following plans:

I. By Certificate

Applicants from any accredited secondary school may be accepted for admission on presentation of statement signed by proper school authorities, showing the kind and the amount of scholastic work done, provided:

- (a) the scholastic work completed is of such quality as to place the student in the upper half of his class as evaluated by the secondary school. Exceptions to this may be made by the Committee only when evidence of considerable validity indicates that the applicant has the ability to do good academic work at the college level. Such evidence may be scores on scholastic aptitude or mental ability tests taken with approval of the Committee on Admissions and Classifications.
- (b) the student's preparatory program includes at least fifteen acceptable units of secondary school work. Students from senior high schools may be admitted with eleven units of senior high school work.

- (c) at least two-thirds of the units of secondary school work accepted for entrance are in English, foreign languages, mathematics, natural science and social studies.

II. *By Examination on Subject Matter*

Students who have not been regularly prepared for college in a recognized secondary school may apply for admission by making a complete statement regarding qualifications and training. Such students can be regularly admitted if they qualify by means of high scores made in a battery of examinations on general educational development given at the college under the direction of the Committee on Admissions and Classifications. The examinations will be given upon the scholastic work covered by the list of secondary units approved by the North Central Association of Colleges and Secondary Schools. Data obtained from all examinations will be interpreted in authenticated comparable terms, such as well established public school or independent school percentiles.

Advanced Standing

Students from other accredited colleges may be admitted upon the presentation of evidence that they have satisfied the general requirements for admission and that they were in good standing in the institution last attended. All applications for admission from students for advanced standing must be accompanied by official certificates stating the nature and extent of college courses completed and all disciplinary or academic items that belong to such a record. Such a statement must be signed by the proper officer of the institution where the work was done.

The evaluation and acceptance by Bethany College of credits earned at an accredited institution will depend upon the quality and nature of the academic work completed. Academic work ranked below "average" (grade C) will not be accepted. Not more than sixty-five hours will be allowed for courses completed in a junior college.

Credit will be allowed for work done in non-accredited institutions only by special action of the Committee on Admissions and Classifications. This Committee may require that the applicant be classified one class below that attained in the institution from which the credits were presented.

Some academic credit may be allowed for training courses and educational experiences in the Armed Forces according to the general pattern recommended by "A Guide to the Evaluation of Educational Experiences

in the Armed Services" issued by the American Council on Education, provided such courses or experiences are appropriately related to a college of liberal arts and sciences.

A student transferring to Bethany cannot be granted a degree unless he has been in attendance at the college at least during his senior year.

Readmission

Former students at Bethany College may apply to the Director of Admissions for readmission to the college. Students who were in good standing at the time of withdrawal will be readmitted, subject to approval of the Committee on Admissions and Classifications. Students who have attended other colleges or universities after withdrawal from Bethany must file complete official transcripts of academic records along with the application for readmission for consideration of the Committee on Admissions and Classifications.

Unclassified Students

A very limited number of students who are not candidates for a degree may be admitted to the college as "unclassified students" with permission to pursue selected courses. Approval for enrollment in this manner will be given only if the applicant can satisfy the Committee on Admissions and Classifications that he can pursue the courses with profit, that he has a serious purpose in mind, and that he can meet the general requirements as to health, character and mental ability.

Medical Requirements

After the candidate's admission the parents and family physician will be asked to provide the Dean of Students and the College physician with a medical history adequate for the understanding of any problems which may arise. Each candidate must also present evidence of having had a successful smallpox vaccination within a three-year period prior to entrance. The college reserves the right at any time to require the withdrawal of a student when in its opinion his physical or mental condition is such that his interests and those of the college would be better served by such withdrawal.

Advanced Standing By Achievement Tests

Any student who has anticipated the subject matter of any of the prescriptions or courses for baccalaureate degrees may make application to take an achievement test. If the result of this test indicates sufficient

mastery of the subject the prescription may be waived. Passing the achievement tests will not give credit in hours toward the degree. The applications for an achievement test should be made to the Committee on Admissions and Classifications. It should state the achievement tests which the student desires to take and the basis of his preparation for the test.

Provisional Enrollment

The term "provisional enrollment" is applied to the status of students who are permitted to enroll for a provisional period of two weeks pending the receipt of secondary school record, the payment of the required amount on account, or pending the fulfillment of other proper requirements of the administration. This is intended to cover the cases with which the Deans, the Committee on Admissions and Classifications or the Bursar have to deal.

How to Apply For Admission

Late in the junior year or near the beginning of the senior year in secondary school a student should file application for admission. Catalogues and application blanks are obtainable from the Director of Admissions. A \$3.00 fee is required at the time the formal application is made.

All applications for admission are regularly reviewed by the faculty Committee on Admissions and Classifications and notice of action taken is sent directly to the applicant.

Applicants for Readmission

Students who have been previously enrolled in Bethany College who wish to return for additional college work must file an Application for Readmission with the Director of Admissions. A \$3.00 fee is required at the time such application is made.

Deposits

Upon acceptance for admission, a \$25.00 Registration Deposit is required. This is refundable until June 15—or within two weeks of acceptance, if an applicant is accepted after this date—upon written withdrawal of the application for admission, addressed to the Director of Admissions. This deposit is applied on the student's account at the beginning of the second semester of the college year.

If a student wishes to withdraw from Bethany College at the end of the first semester, proper notice must be made to the Dean of Students prior to December 20 in order to obtain refund of the Registration Deposit.

All students reserving accommodations in college dormitories must also make a \$10.00 room guarantee and breakage deposit to accompany the room application. This deposit is refundable, less breakage charges, at the end of the college year of occupancy. If the room is vacated prior to the end of the college year the guarantee deposit will not be refundable. However, if application for admission to the college is withdrawn prior to June 15, as described above, the room deposit of \$10.00 will likewise be refunded.

For students already registered in Bethany College and planning to continue the following year, advance registration is held early in May with payment of the Advance Registration Deposit of \$25.00 due on or before May 5. Refund up to June 15 will be made upon receipt of proper notification and up until December 16 of the first semester for those not planning to return for the second semester.

Tuition and General Student Fee

The tuition for each semester is two hundred dollars for fifteen academic hours or less. For each academic hour in excess of fifteen an additional charge of thirteen dollars and fifty cents is made. No reduction is made in student accounts for course changes made after the first two weeks of the semester. Tuition for students carrying less than twelve hours is sixteen dollars per semester.

By action of the Board of Trustees members of the families of home and foreign missionaries actively in service are allowed free tuition for regular academic work at the college.

A general student fee of twenty-five dollars per semester covers activities and services as follows: Athletics, Health Service, Library, Lectures and Concerts, Student Activities under the direction of the Student Board of Governors.

Residence Facilities

All members of the freshman class are regularly required to live in college supervised dormitories. Students beyond the freshman year may choose to live in college dormitories, fraternity or sorority houses, or in the case of men, in private accommodations in the town of Bethany.

Cochran Hall is the dormitory for freshman men, with single and double rooms available at a price range of \$85.00 to \$90.00 per semester.

Point Breeze Hall is a dormitory for men beyond the freshman year with rooms set up for occupancy by two and three students at a semester rental of \$80.00.

The college also maintains seven supplementary dormitories arranged in suites for occupancy by upperclassmen. These facilities have a semester rental of \$70.00.

Phillips Hall is the dormitory for freshmen women with a limited number of rooms for upperclass students. Single and double rooms are provided at a semester rental ranging from \$85.00 to \$90.00.

Gateway Hall is reserved for upperclass women and has single and double rooms at a semester rental of \$85.00 to \$90.00.

Students living in college operated dormitories are expected to furnish curtains, bed linen, blankets, bedspreads, pillow, towels, study lamps and rugs. They are expected to care for their own rooms and to keep them clean and in good order at all times.

For the convenience of the student there is available a commercial linen service, supplying at a cost of ten dollars per semester, sheets, pillow cases, and towels each week while the college is in session.

Fraternity and Sorority Houses

Five national fraternities and four national sororities maintain active chapters on the Bethany campus and have dormitory accommodations for a limited number of members.

The four sorority houses, three of them being college residence houses and the fourth being privately owned, are operated under the same rules of supervision and conduct as regular college facilities. All accommodations are available at the rate of \$75.00 per semester.

The maintenance of proper conduct and discipline in the five fraternity houses is a direct responsibility of the Dean of Students. Semester room rental ranges from \$70.00 to \$80.00 per semester.

Operation of College Halls

Room assignments in all college dormitories are made for the academic year. Withdrawal from college prior to the end of the college year means forfeiture of the room guarantee deposit.

Room assignments for upperclassmen are made in the order of class membership, supplemented by the drawing of lots. Requests for change

of assignment are handled by the Dean of Students and the Associate Dean of Students. A new contract is issued at time of change. Failure to clear properly room changes may result in forfeiture of guarantee deposit.

Residence halls will be open for freshmen for each semester the day before Freshman Week and for all other students the day before Registration Day. Residence halls will be closed and students are not expected to stay in Bethany when college is not in regular session.

Bethany College reserves all rights in connection with the assignment, termination of occupancy and reassignment of rooms in all dormitories.

Estimated Expenses For Year

Bethany has always been known as a college of moderate costs. For essential campus expenses, exclusive of such personal items as clothes, travel and amusements, and books, a student should budget approximately \$970 for two semesters, as follows:

Tuition	\$400.00
Room	\$140.00 to \$180.00
Board	\$350.00
Fees	\$50.00
TOTAL	\$940.00 to \$980.00

The college is required to collect the West Virginia Sales Tax of 2% on Room and Board in addition to published charges for the same.

Laboratory and Course Fees

These fees are applicable for the specific courses listed. They are charged to only students enrolled in such courses.

Art 15, 16, 39, 40.....	\$5.00 per semester
Biology 11, 12, 35 or 36, 48, 53, 54, 57, 65, 68, 76, 78	\$8.00 per semester
Biology 87, 88, 91, 92 (each hour).....	\$8.00 per semester
Chemistry 15, 16, 31, 67, 68, 71, 75, 76.....	\$8.00 per semester
Chemistry 32, 34, 61, 62.....	\$12.00 per semester
Chemistry 87, 88, 91, 92 (each hour).....	\$8.00 per semester
Education 72.....	\$4.00 per semester
Education 81, 82.....	\$20.00 per semester
Journalism 53, 54, 56, 63, 64, 65, 66, 71, 72, 73, 74.....	\$5.00 per semester
Journalism 91, 92 (each hour).....	\$3.00 per semester
Physics 21, 31, 32.....	\$5.00 per semester

Physics 55, 56, 67, 68, 87, 88, 91, 92 (each hour).....	\$5.00 per semester
Psychology 53, 54, 62, 64.....	\$5.00 per semester
Psychology 87, 88, 91, 92 (each hour).....	\$3.00 per semester

Breakage and Guarantee Deposits

Biology 34.....	\$7.00 per semester
Biology 53, 54.....	\$3.00 per semester
Chemistry 15, 16, 31, 75, 76, 87, 88, 91, 92.....	\$3.00 per semester
Chemistry 32, 34.....	\$6.00 per semester
Chemistry 61, 62, 67, 68.....	\$7.00 per semester
Chemistry 77, 78 (travel).....	\$10.00 per semester
Deposit on lock in gymnasium.....	\$1.00

Music Fees

Private Lessons, two lessons a week, per semester.....	\$55.00
Private Lessons, one lesson a week, per semester.....	\$30.00
Instrument Rental, per semester.....	\$5.00
Organ Practice, one hour each day, per semester.....	\$20.00
Piano Practice, one hour each day, per semester.....	\$5.00
Piano Practice, three hours per week, per semester.....	\$3.00

Other Special Fees

Application Fee for all new students.....	\$3.00
(This fee must be paid before any action is taken on Application for Admission.)	
Application Fee for all former students.....	\$3.00
(This fee must be paid before any action is taken on Application for Readmission.)	
Advance Registration Fee.....	\$25.00
(This fee is applied on second semester account)	
Auditing a course, per semester hour.....	\$5.00
Comprehensive Examination (For students not in residence or for special examination.).....	\$25.00
Each academic hour when less than twelve, per semester.....	\$16.00
Each academic hour in excess of fifteen, per semester.....	\$13.50
Each change in registration after first two weeks.....	\$1.00
Freshman Week Fee (First Semester only).....	\$10.00
(Freshman Evaluation and Orientation Program, etc.)	
Graduation and diploma fee.....	\$10.00
Health Insurance, per semester.....	\$6.00
Infirmity charge per day (after first three days each semester).....	\$2.00

Late registration, first three days each semester.....	\$2.00
Guidance and advisement service (pre-college).....	\$10.00
Special Final Examination in any department or course.....	\$5.00
Special placement or achievement test in any department.....	\$5.00
Transcript fee (after first issue).....	\$1.00
Graduate Record Examination.....	\$10.00

Student Health Insurance

The Student Health program is considered elsewhere. It is not however designed to cover surgery, serious illnesses or hospitalization. The college therefore makes available to its students and their parents medical, surgical and hospitalization insurance to afford reasonable protection for those cases which exceed the benefits and services extended by the College Infirmary and the College Physician. The cost is \$6.00 per semester. Additional information is available from the Business Manager.

Payment of Accounts

At the time of registration for each semester an invoice will be prepared for each student, listing all charges due the college for the semester. The total amount shown on the invoice is due and payable on Registration Day and the student is not considered to be registered until such payment is made or arrangements are completed for monthly payments as described below. All accounts are payable to the Bursar of Bethany College.

Upon request and with the approval of the Business Manager a period of two weeks following Registration Day may be allowed to complete payment of the invoice. Each student will however make a minimum payment on or before Registration Day of \$50.00. This is in addition to the Advance Registration Deposit and cannot be satisfied by scholarship awards or grants in aid. In case the total of the invoice is less than \$50.00, the full amount is to be paid.

The Advance Registration Deposit is paid each year in May by students in school who plan to return in the fall. The final date for payment is shown in the College Calendar. New students make this payment at the time their application for admission is accepted. Upon registering for the second semester this deposit is applied to the student's account. If the student is not to be enrolled the second semester, he can make application for a refund of the deposit in December, prior to the beginning of the Christmas recess.

The college is not prepared to handle the financing of student accounts. It has therefore made arrangements with the Tuition Plan, Incorporated, whereby student accounts may be paid on a monthly basis during the school year. The charge for this service is 4% of the amount financed. It is desirable that arrangements be made to use this plan prior to the registration period. Information and the contract forms are available through the Business Manager. The contract is completed by the parent or guardian of the student. It should be returned to the Business Manager prior to the expiration of the two week period described above in lieu of payment in full.

When the account has not been properly settled at the end of the two week interval previously discussed, the account is subject to an additional charge of 10% and the student may be denied college privileges.

No student will be granted academic credit of any kind in any semester until his financial obligations to the college have been met in full. In case a student withdraws from college during the semester, tuition, board and room rent are refunded on a pro rata basis, figured to the end of the week in which withdrawal takes place.

Scholarship awards are not applied on the accounts of students who withdraw before the end of the semester. Special fees and the general student fee are not refunded.

Freshmen will report on Sunday, September 17, 1950, and the "Freshman Week" fee is payable on the following day. The "Freshman Week" fee covers room and board for the days of this week that are given over to freshman orientation and academic placement activities.

Student Drawing Account

There is no bank located in Bethany. The Bursar of the college however provides a service whereby students may deposit funds and draw on them as required. Either students or their parents may make deposits to the student's account. There is no charge for this service and its use is recommended. This avoids the necessity of the student keeping on hand any substantial amount of money.

Scholarships and Financial Aids

Bethany College can provide financial aid through scholarships, loans and employment for a limited number of deserving students who are not able to meet college expenses without such help. All such assistance is administered by the Committee on Scholarships and Financial Aids. Only students who are in need of financial help should apply.

Candidates for admission to the freshman class who wish to apply for financial aid should make such application in writing to the Director of Admissions as early as possible. All applications from new students must be accompanied by a transcript of secondary school work, letters of recommendation, and the required Application for Admission and Admission Fee.

Upperclassmen who need financial aid should make application in writing to the Dean of Students before the end of the current academic year.

Scholarships at Bethany College are of four kinds: Competitive Examination, Honor, Alumni Regional, and Award of Merit. Such awards are for the benefit of qualified students who cannot meet college expenses without such help. The Committee makes awards on the basis of academic accomplishments, constructive participation in college activities, and general deportment.

The yearly stipend that goes with each scholarship award is applied on the tuition charge on the basis of one-half for the first semester and one-half for the second semester.

Students will be eligible to receive only one award. Students qualifying for more than one must select the award which they prefer to accept. Most scholarships are awarded to freshmen on a four-year basis but they are subject to review and cancellation at the end of each year. They are continued from year to year only if the recipient has met the following conditions:

1. His scholarship index must average 2.50 in each academic year.
2. His financial obligations to the college must be met promptly.
3. His influence in the student body should be, in every sense, wholesome and helpful.
4. He shall make a worthwhile contribution to the life of the college and the college program.

It is understood that the following reasons will operate to cancel any particular scholarship award at the end of any academic year:

1. Failure to maintain a scholarship index of 2.50.
2. Serious academic censure for any cause.
3. Unsatisfactory deportment.
4. Withdrawal from college.
5. Failure to contribute in a constructive manner to college activities.

When a scholarship has been cancelled for any cause, it can not be awarded again to the same student.

Competitive Examination Scholarships

Early in the spring the college holds a competitive scholarship examination for seniors in high schools and preparatory schools and scholarships are awarded to students making top scores on the examination. Scholarships of \$1,000, to be applied on tuition at the rate of \$125 each semester for four years, are awarded to the five men and the five women making the highest scores. The next ranking ten men and ten women receive \$600 awards to be applied on the tuition at the rate of \$75 each semester for four years. The recipients of these scholarships are subject to all the general rules governing scholarships as listed above.

Honor Scholarships

A limited number of scholarships are awarded to entering freshmen students who rank in the highest honor group of their secondary school graduating class. These provide a stipend of \$800 to be applied on tuition at the rate of \$100 per semester for four years. The recipients of these scholarships are subject to all the general rules governing scholarships as listed above.

Alumni Regional Scholarships

Alumni Regional scholarships are awarded to college men of unusual ability upon recommendation of alumni groups in various districts, and the Committee on Scholarships and Financial Aids. These scholarship awards are for the amount of \$1,200 applicable on the tuition account of the student at the rate of \$150 per semester for four years.

To be eligible for any one of these awards, the student must be in the upper quarter of his high school or preparatory school graduating class, he must have demonstrated interest and ability in extra-curricular activities by active participation, he must be well recommended by responsible secondary school officers and he must have the endorsement of five alumni of Bethany College in his area. The recipients of these scholarships are subject to all the general rules governing scholarships as listed above. Students in college will be considered in special instances on the basis of accomplishments and citizenship in college. The total number of Alumni Regional scholarship awards is limited to fifteen.

Award of Merit

A limited number of scholarships varying in amount from \$400 to \$600 are awarded for a period of four years to entering freshmen and on a pro rata basis to upperclassmen who would not be able to attend college without such financial help.

These awards are based upon the applicants' academic achievements and general school citizenship as well as financial need.

Ministerial Training Aid

Students who are preparing for full time Christian service in the field of the ministry, religious education, and missions, may be able to get additional financial aid through grants-in-aid that are made possible by contributions from churches and individuals. This program is under the supervision of the Director of Ministerial Training. It is limited to those who are preparing for full time service with the Disciples of Christ. Some financial assistance is available to those preparing for this type of service with other religious groups.

Designated Scholarships

The college recognizes with appreciation the gifts of specially designated funds which not only provide in perpetuity lasting memorials for individuals and families but also make possible annual grants to undergraduates who otherwise would find it difficult to remain in college.

The following scholarships, counted as Trustee Scholarships, have been especially designated by friends of the college and are part of the total resources available for financial aid to students:

Mary A. Morrison Scholarship—This is a scholarship covering three-fourths of the cost of tuition.

Isaac Mills Scholarship—This scholarship covers a part of the tuition charge, the benefits of which are to be received by a ministerial student.

G. A. Willett Scholarship—This scholarship of \$100 per semester applies on tuition. The student receiving the benefit of the same is to be nominated by a member of the Willett family.

Isaac Brown Scholarship—This scholarship covers \$30 on tuition cost per semester.

Albert C. Israel Scholarship—This scholarship yields \$20 per semester to apply on tuition of a descendent of Albert C. Israel.

Jennie I. Hayes Scholarship—The income from this scholarship fund is awarded for the purpose of helping students who are preparing for the mission field or the ministry. The students who receive the benefits of this scholarship are to be nominated by the donor.

Ida M. Irvin Scholarship—The income from this scholarship fund is awarded to students who have reached the senior year in their college course. The students receiving benefits from this scholarship are to be nominated by the Dean of Students.

Herbert Moninger Scholarship—A scholarship endowed in memory of Mr. Herbert Moninger, a graduate of the college.

Josiah Wilson Scholarship—As a memorial to Josiah N. and Wilmina S. Wilson and Nora B. Wilson a scholarship fund was established by Josiah N. Wilson. The income is used to aid some student or students who are preparing for the Christian ministry.

The John H. and Ida H. King Scholarship Fund—The income from this scholarship fund is awarded to students at Bethany College under terms approved by the Trustees of the college in accordance with the will of the donors.

M. M. Cochran Scholarships—Scholarships covering a part of the tuition charge. The students who receive the benefits of these scholarships are to be nominated by the President of the College.

Minnie W. Schaefer Awards—The income from a fund of \$8,000 set up by the will of Mrs. Minnie W. Schaefer of Mt. Vernon, Ohio, to be awarded students planning for definite Christian service.

J. T. Smith Awards—The income from a fund of \$17,000 established by J. T. Smith of Memphis, Tennessee, to be made available for students preparing for the Christian ministry or some other form of Christian service.

William Kimbrough Pendleton Scholarship Fund—The income from a fund of \$20,000 set up by the will of Clarinda Pendleton Lamar in memory of her father, William Kimbrough Pendleton, member of the first faculty and second president of the college (1866-1889), is to be awarded in one or more scholarships each year to one or more citizens of West Virginia. These awards may be in the form of loans or outright gifts as determined by the Committee on Financial Aids.

Vinson Memorial Fund—Z. T. Vinson, of the Class of 1878, established a fund of \$1,500 through the Central Christian Church of Huntington, W. Va., the income from which is to be available to students preparing for the Christian ministry.

Florence M. Hoagland Memorial Scholarship—Upon the death of Miss Florence M. Hoagland, Head of the Department of English and Advisor for Women at Bethany from 1936 to 1946, Miss Frances Cables of Woodstock, New Hampshire contributed to the college the sum of \$5,000 for the establishment of a Memorial Scholarship.

Perry Scholarship Fund—During his lifetime Professor E. Lee Perry, graduate of the college in the Class of 1893, Professor of Latin at Bethany College from 1908 to 1939, Professor Emeritus from 1939 to the time of his death in December, 1948, contributed the sum of \$9,000 in the form of annuities to Bethany College. He also named the college as one of the heirs of his estate. Under the terms

of the gifts and the will, this money is placed in the Endowment Funds of the college, the income to be available for students preparing for the Christian ministry.

The Gans Fund Awards—Awards are made from this fund to juniors and seniors at Bethany College and to graduates of Bethany College engaged in study and research elsewhere who have shown "evidence of merit and promise in the field of science." Funds so awarded will be available for approved study and research in some specific field.

Rhodes Scholarships—Men who have completed their sophomore year at Bethany College are eligible to compete for the Cecil Rhodes Scholarship, tenable for three years at Oxford University, England. These scholarships are awarded on the combined basis of character, scholarship, athletic ability, and leadership in extra-curricular activities. Further information may be obtained from the Dean of Students.

Foreign Exchange Fellowships—Each year at least two students direct from foreign countries come to Bethany to study on fellowships provided by the college administration. These students come to interpret their own people and their national culture to American student life. These awards are made only to students who are recommended by the Institute of International Education.

Financial Aids

Loans from the Bethany College Loan Fund may be obtained by students complying with the conditions governing the same. Approved security is required from all those borrowing from the fund. These loans are without interest while the student is in Bethany College and notes are drawn to mature four months after graduation or withdrawal from college. All notes bear interest from the date of maturity.

Applications for loans must be made to the Committee on Financial Aids. All financial obligations to the college including notes to the loan fund must be paid before an official transcript of the student's academic record can be issued.

Student Employment

Limited opportunities for students to earn money for college expenses are afforded, but under no circumstances is it possible for a student to earn all of his expenses. The college may not be able to provide student employment of any kind beyond \$200 as a total for one year.

Applications for student employment must be filed on a proper form. A careful study of the student's needs and general welfare will be made by the committee caring for student employment as each application is considered. Applications for student employment should be filed with the Dean of Students.

Prospective new students should not consider beginning a college career unless adequate financial arrangements have been made for at least the first year. It is advisable, however, for new students to adapt themselves academically before attempting outside work.

Summer Term Expenses

Details of the Bethany College Summer Session for 1950 are to be found in a special announcement.

Four sessions are included in the program. June 13 through July 22 (six weeks, six semester credits); June 13 through August 5 (eight weeks, eight semester credits); July 24 through August 12 (three weeks, three semester credits).

Courses offered during the Summer Session of 1950 are at the rate of \$16 per semester credit hour. Charges for required and special fees are determined in the light of services available to the individual student. Board and room is determined on the basis of time the student is in residence and at the rate of \$15 per week.

PART VI
VIEWS
OF
BETHANY

BETHANY'S
OLD MAIN





CARNEGIE LIBRARY



LIBRARY FACILITIES INCLUDE MODERN SOUND AND MICROFILM EQUIPMENT

BELOW: AN UPPER DIVISION SEMINAR MEETS





PHILLIPS HALL FOR WOMEN



ABOVE: A ROOM IN ONE OF WOMEN'S DORMITORIES

BELOW: MAIN LOUNGE IN PHILLIPS HALL





COCHRAN HALL FOR MEN



ABOVE: DINING HALL FOR MEN AND STUDENT UNION

BELOW: INTERIOR VIEW OF DINING HALL



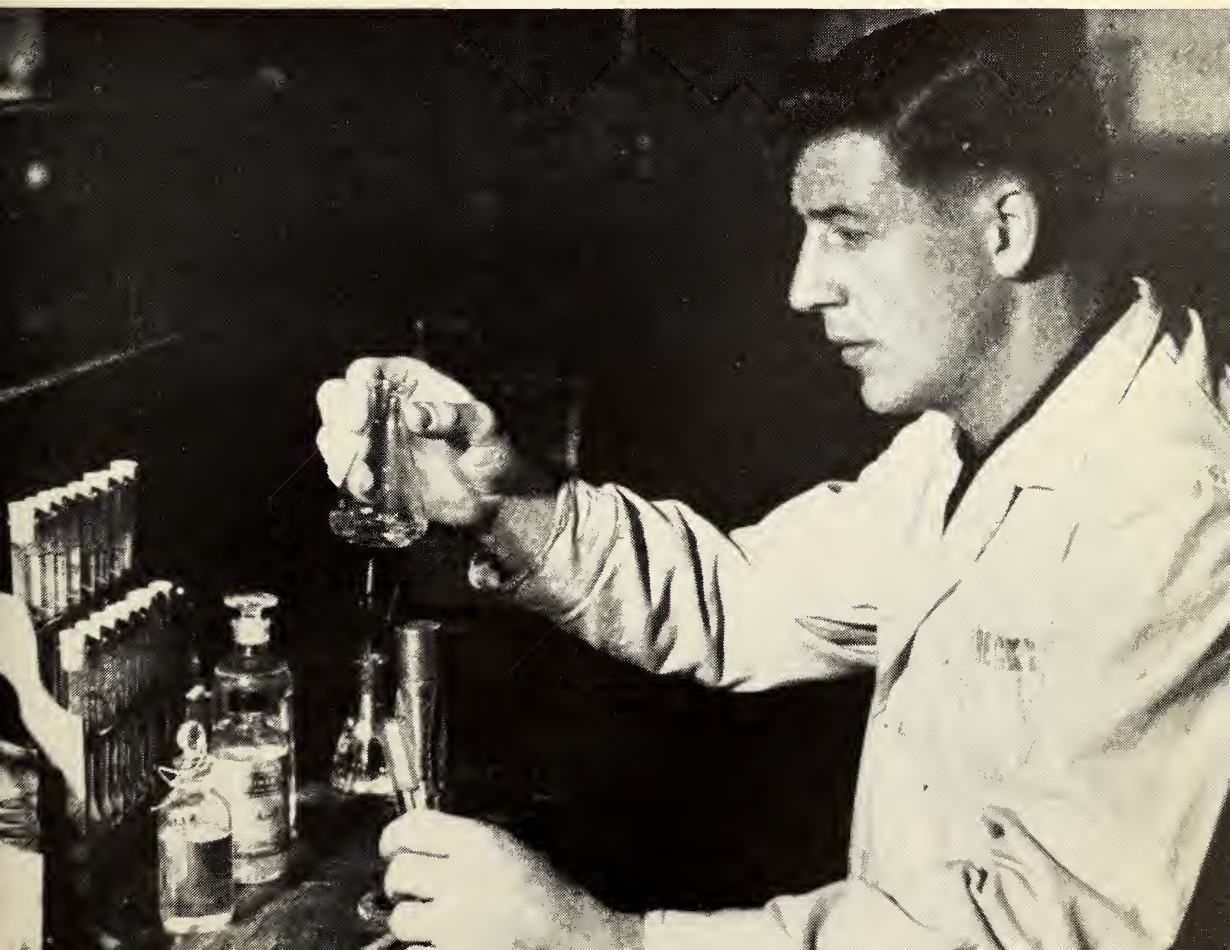


OGLEBAY HALL OF SCIENCE



ABOVE: STUDENTS OF BACTERIOLOGY

BELOW: AN INDIVIDUAL RESEARCH PROJECT





STUDENTS LEAVING CONVOCATION



ABOVE: COMPLETE MEDICAL ATTENTION IN COLLEGE INFIRMARY

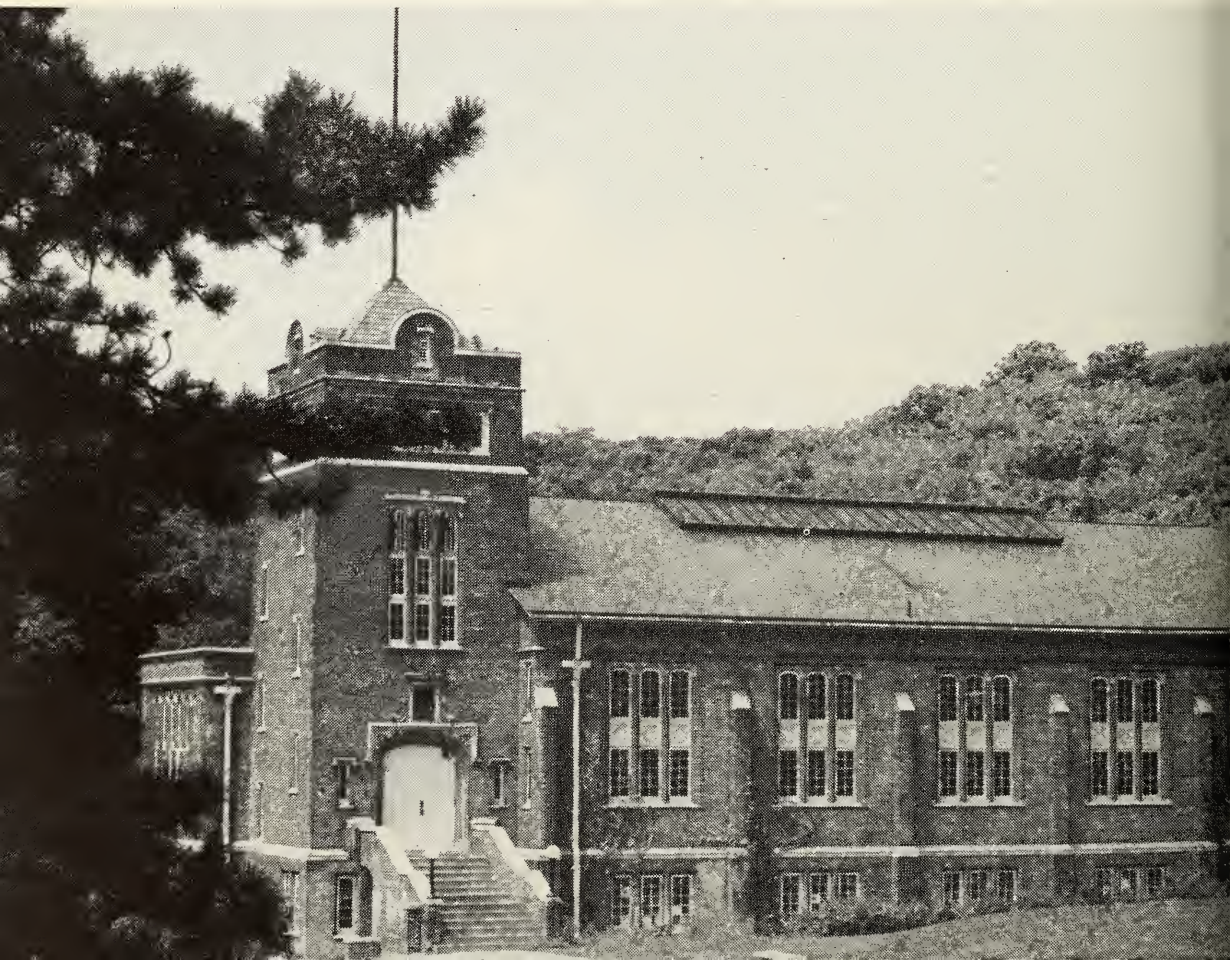
BELOW: SPORTS ANNOUNCERS FROM BETHANY STATION WWBN





ABOVE: HOME OF ALEXANDER CAMPBELL

BELOW: IRVIN GYMNASIUM FOR WOMEN





ABOVE: THE BISONS GET AN INSIDE TIP

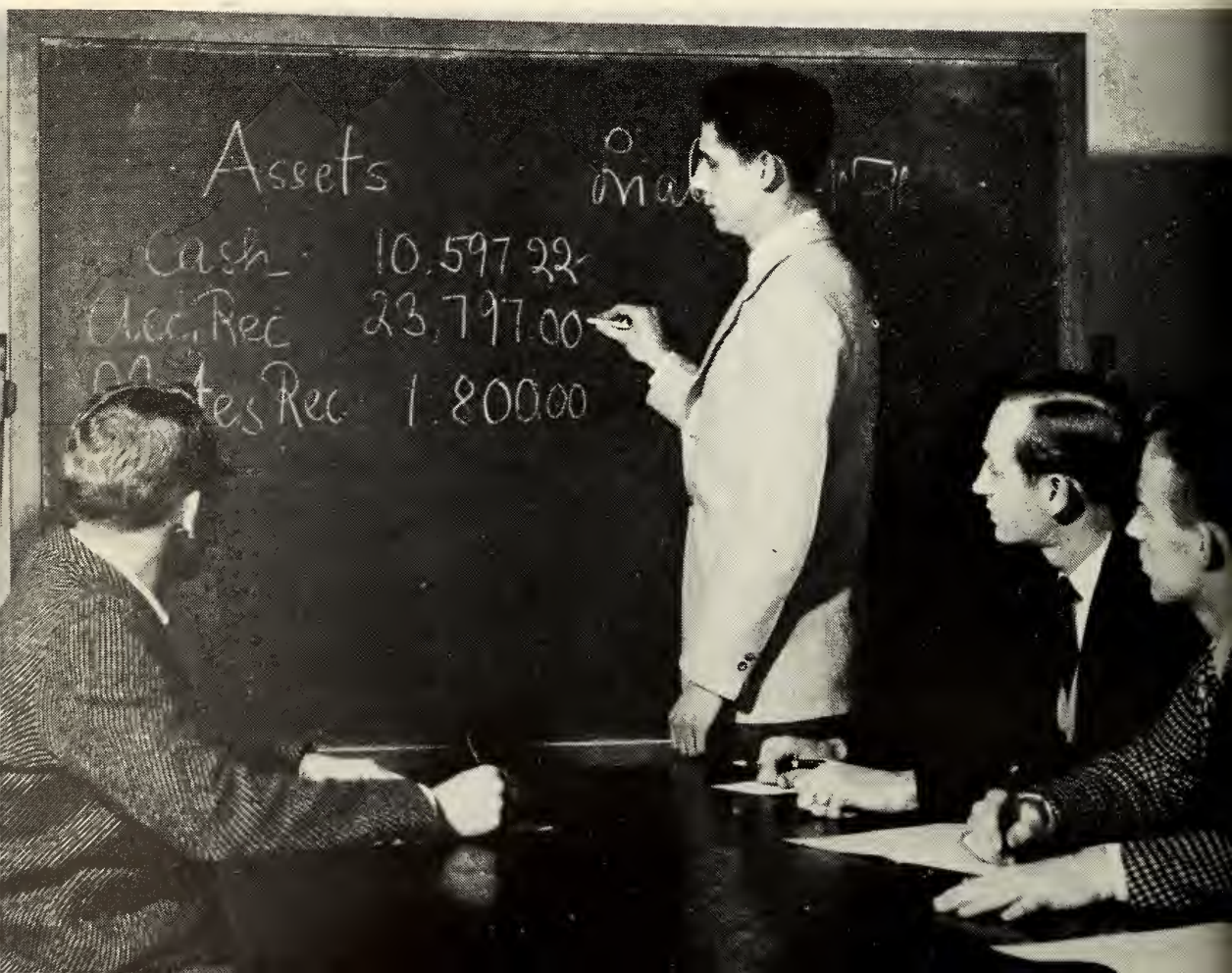
BELOW: SIX POINTS FOR THE GREEN AND WHITE





ABOVE: TIMBER TOPPERS AT RINE FIELDS

BELOW: BUSINESS MAJORS





ABOVE: BETHANY MEN'S CHORUS

BELOW: JOURNALISM WORKSHOP A BUSY PLACE





ENTERING COLLEGE IS A WONDERFUL EXPERIENCE

PART VII
COURSE OFFERINGS

EXPLANATORY NOTES

Courses of instruction are listed by subject matter fields.

In numbering of courses, first semester courses have odd numbers and the second semester courses, even numbers. A course having both an odd and even number, as 11-12, runs continuously throughout the year, but may be elected for either semester unless the course is specifically designated "a continuous course." Courses may not be elected unless prerequisites have been satisfied.

A limited number of courses in various departments will be offered during the summer term. The specific courses to be offered in the summer term of 1950 will be announced in a special bulletin.

The curriculum of the college recognizes the lower and upper divisions in the arrangement of courses. The lower division covers, roughly, the freshman and sophomore years and the upper division, the junior and senior years. Courses in the lower division are numbered from 11 to 49, and those in the upper division from 50 to 100.

A course may not be offered, if elected by fewer than five students.

ART

15-16 PRINCIPLES OF ART. The fundamental principles of art and their application in the various media; designed to acquaint beginning students with the various fields of art. A studio course requiring a minimum of six hours per week. Three hours.

39-40 ADVANCED PAINTING AND COMPOSITION. The more advanced students may have freedom of expression in the medium of their choice. Stress is placed upon composition and the development of the individual student's interpretation of the world around him. A studio course requiring a minimum of six hours per week. Registration with permission of the instructor. Three hours.

41-42 INTRODUCTION TO ART. The history of art from prehistoric to modern times; designed to develop understanding and appreciation of the arts of other people. Three hours. Alternates with Art 51-52. Not offered in 1950-1951.

51 ART IN THE RENAISSANCE. The character of the Renaissance movement and its early development; stress is laid on the great personalities in architecture, sculpture, and especially in painting whose production essentially forms and expresses this period of art. Three hours. Alternates with Art 41.

52. ART IN THE TWENTIETH CENTURY. Historical and interpretative discussion of architecture, sculpture, painting and the industrial arts from 1905 to the present; the correlation of parallel developments in these arts is indicated and the significance of contemporary civilization is considered. Three hours. Alternates with Art 42.

BIOLOGY

B. R. WEIMER, *Head of the Department*

AIMS: To acquaint the student with the living world around him and the fundamental dynamic life processes; to demonstrate scientific methods of approach to problem solutions; to cultivate an attitude of inquiry and research; to develop laboratory skill in various types of work in zoology, botany and related fields; and to train students as teachers of biology and for certain professional work related to this field.

Students who plan to teach or become professional biologists should elect the following sequence of courses: Biology 11-12, 35 or 36, 43, 48, 53, 57, 65, 67 or 68, 78 and 87.

Students preparing for work in medicine, dentistry, nursing or as laboratory technicians should elect the following sequence of courses: Biology 11-12, 36, 43, 53, 76, 78 and 87.

REQUIREMENTS FOR MAJOR: At least twenty-four semester hours in the department following a sequence of courses approved by the head of the department. A minimum of twelve semester hours of chemistry, at least six of which are organic chemistry, is desirable, and a minor should be elected in

a laboratory science. Either German or French should be elected to meet the graduation requirement for foreign languages.

REQUIREMENT FOR MINOR: At least eighteen semester hours in the department exclusive of Biology 34 and 85.

11-12 GENERAL BIOLOGY. The fundamental structures and life processes of plants and animals including man, and their important inter-relationships. Required for all pre-medical students. (See Physical Education 15 or 16). Three hours.

34 OUR OUTDOORS. Field study of man's natural environment from the standpoint of geology and biology. Estimated cost of the course to the student exclusive of tuition, including field trips, food and incidentals: \$5.00 to \$8.00. Enrollment limited to fifteen. Not open to freshmen. One hour.

35 or 36 COMPARATIVE VERTEBRATE ANATOMY. Comparative anatomy of the representative forms of vertebrates; laboratory study of the comparative anatomy of the shark, necturus and cat. Prerequisite, Biology 11-12. Required of all pre-medical students. Four hours.

43 HEREDITY AND EUGENICS. Modern theories and laws of heredity and their relation to man. Two hours. Not offered in 1950-1951.

45 or 46 FIELD ZOOLOGY. Primarily a field study of the taxonomy, ecology and natural history of local animal life. Two hours.

48 PLANT ECOLOGY AND LOCAL FLORA. Identification of the common seed plants and ferns by the use of manuals and the study of the relation between plants and their environment. Prerequisite, Biology 11-12 or a course in biology at secondary school level. Two hours.

53 BACTERIOLOGY. Morphology and physiology of yeasts and bacteria; principles of laboratory technique; cultural characteristics and environmental influences on bacterial growth. Three hours.

54 INDUSTRIAL BACTERIOLOGY AND CLINICAL METHODS. The bacteriology of water and milk; general food bacteriology; some study of the elementary techniques in clinical methods such as blood work and urine analysis. Practical laboratory assignments and occasional lectures. Recommended prerequisite, Biology 53. Three hours. Not offered in 1950-1951.

57 ADVANCED GENERAL BOTANY. The structural relationships of various type forms of the plant kingdom together with a study of the fundamental life processes of plants; growth, irritability, food synthesis and metabolism. Prerequisite, Biology 11-12. Three hours.

65 or 66 INVERTEBRATE ZOOLOGY. The invertebrate animals including phylogeny and morphology. A laboratory study of representative forms of invertebrates will be made. Prerequisite, Biology 11-12. Three hours. Alternates with Biology 67.

67 **PHYSIOLOGY.** Structure and functions of the human body; the mechanism of bodily movements, responses, reactions and various physiological states. Prerequisites, Biology 11-12 and 35 or 36. Three hours. Alternates with Biology 65. Not offered in 1950-1951.

76 **HISTOLOGY.** Structure of the cell and its modification into various tissues with special attention to the theory and practice of general histological technique. Prerequisites, Biology 11-12 and 35 or 36. Three hours. Alternates with Biology 77 or 78.

77 or 78 **VERTEBRATE EMBRYOLOGY.** Nature and development of the tissues and organs in vertebrates; embryos of chick and pig studied in the laboratory. Prerequisites, Biology 11-12 and 35 or 36. Four hours. Alternates with Biology 76. Not offered in 1950-1951.

81 or 82 **MARINE BIOLOGY.** Credit may be given for summer courses taken at the Marine Biological Station at Woods Hole, Massachusetts, or at any other station of similar rank. Four to six hours.

83 or 84, **SEMINAR IN BIOLOGY.** A survey of the fields in biology and the current literature relating to investigations in those fields. Prerequisites, Biology 11-12; 35 or 36; 43 and 78. One hour. Open only to upper division students. One hour. Required of all biology majors.

85 **METHODS AND MATERIALS IN TEACHING BIOLOGY.** The aims and methods of teaching biology in the secondary schools. Special attention will be given to general laboratory procedure and technique. Prerequisite, sixteen hours in the department and upper division rank. Two hours. Not offered in 1950-1951.

87-88 **INDEPENDENT STUDY IN BIOLOGY.** Designed for those students who desire to do independent study in some special field. The field of study may be selected by the student, subject to the approval of the Head of the Department, according to interest and future needs. One to three hours.

91-92 **HONORS COURSE.** Advanced theoretical and experimental work in biology; an introduction to research. Prerequisites, Biology 11-12; 35 or 36; 43 and 78. Open only to superior students majoring in the department. One to three hours.

CHEMISTRY

CHARLES F. BROWN, *Head of the Department*

AIMS: To contribute to the student's general culture, his understanding of the nature of the physical world and his understanding of the place of chemistry in industrial and business life; to provide training in the scientific method of reasoning; and to provide major students with a thorough and practical training in chemistry which may be useful in industrial, technical or educational work.

Students who plan to become professional chemists or to enter graduate work in chemistry, should elect the following sequence of courses: Chemistry

15-16, 31-32, 61-62, 67-68, 75-76, 77-78, and 83-84; Physics 31-32; Mathematics 11-12; 31-32. Students planning to major in chemistry should enroll in Chemistry 15-16 and Mathematics 11-12 in their freshman year; in the sophomore year, Chemistry 31-32, Mathematics 31-32, and Physics 31-32. German or French is recommended for language requirement.

REQUIREMENT FOR MAJOR: At least thirty-two semester hours in the department following a sequence of courses approved by the Head of the Department.

REQUIREMENT FOR MINOR: At least eighteen hours in the department.

15-16 GENERAL CHEMISTRY. Planned to conform to American Chemical Society standards. Prerequisite to all other chemistry courses. A continuous course. Prerequisite, two units of mathematics or concurrently with Mathematics 11-12. Four hours.

31 QUALITATIVE ANALYSIS. A standard course in qualitative analysis for professional chemists and engineers. Prerequisites, Chemistry 15-16 and Mathematics 11-12. Four hours.

32 QUANTITATIVE ANALYSIS. A standard course in quantitative analysis for professional chemists and engineers. Chemistry 31 should precede this course whenever possible. Prerequisites, Chemistry 15-16 and Mathematics 11-12. Five hours.

34 QUANTITATIVE ANALYSIS. A standard course in quantitative analysis designed for pre-medical students and those curricula requiring only four semester hours of quantitative analysis. Lecture material is equivalent to that in Chemistry 32. Prerequisites, Chemistry 15-16 and Mathematics 11-12. Four hours.

61-62 ORGANIC CHEMISTRY. A standard course in organic chemistry. The laboratory work consists of preparations and an introduction to organic qualitative analysis. A continuous course. Prerequisites, Chemistry 15-16 and 31 or 32 or 34. Four hours.

67-68 ADVANCED ORGANIC CHEMISTRY. Designed to present advanced material not given in Chemistry 61-62. Required of professional chemists and engineers. Enrollment limited to advanced students and with permission of the head of the department. Prerequisite, Chemistry 61-62. Four hours.

71 ELEMENTARY PHYSICAL CHEMISTRY. A brief introduction to selected areas of physical chemistry for pre-medical students. Not accepted as part of the requirements for chemistry majors. Prerequisites, Chemistry 15-16, 31-32, or 34. Four hours. Alternates with Chemistry 77. Not offered in 1950-1951.

75-76 PHYSICAL CHEMISTRY. A standard course in physical chemistry for professional chemists and engineers. A continuous course. Prerequisites, Chemistry 31-32, 61-62, Physics 31-32 and Mathematics 31-32. Four or five hours.

77-78 INDUSTRIAL CHEMISTRY. A course designed to teach the unit operations of selected industries. Theory and practice will be taught by lecture, supplemented by selected field trips to various industrial plants. Prerequisites, Chemistry 15-16, and 61-62. Three hours. Alternates with Chemistry 71 and 85.

83-84 SEMINAR IN CHEMISTRY. A survey in the fields of General, Analytical, Organic, and Physical Chemistry; also the current literature relating to investigations in these fields. Prerequisites, Chemistry 15-16, 31-32 or 34, 61-62. Required of all chemistry majors. One hour.

85 METHODS AND MATERIALS IN TEACHING CHEMISTRY. The aims and methods of teaching chemistry in the secondary schools. Special attention will be given to general laboratory procedure and technique. Prerequisites, sixteen hours of chemistry and junior or senior rank. Two hours. Offered in alternate years. Not offered in 1950-1951.

87-88 INDEPENDENT STUDY IN CHEMISTRY. Designed for those students who desire to do independent study in some special field. The field of study may be selected by the student, subject to the approval of the Head of the Department, according to interest and future needs. One to three hours.

91-92 HONORS COURSE. A course in advanced theoretical and experimental chemistry; an introduction to research. Open only to superior students majoring in the department. One to three hours.

CLASSICS

AIMS: To develop the ability to read classical Greek and Latin literature with some degree of fluency and appreciation; to understand the influence of Greek and Latin on modern thought and expression; to prepare students for the teaching of Latin, ministerial students for the study of the New Testament; and to provide background materials for the student who is interested in linguistics or archaeology.

REQUIREMENT FOR MINOR: Eighteen hours with the sequence of courses approved by the head of the department. History 65 is recommended.

11-12 FIRST YEAR GREEK. Reading in the language is combined throughout with the learning of forms and vocabulary. The aim of the course is to produce as quickly as possible an ability to read Greek. Three hours. Not offered in 1950-1951.

13-14 FIRST YEAR LATIN. Designed to enable students to acquire an ability to read the language as quickly as possible. The learning of forms and vocabulary is combined throughout with reading the language. Three hours.

31-32 NEW TESTAMENT GREEK. The Gospel of Luke and the grammar of the Greek New Testament. In the second semester some Pauline Epistles will be studied. Prerequisite, Greek 11-12. Three hours.

33-34 INTERMEDIATE LATIN. Introduction to the study of Latin literature with review of grammar and syntax. Selected readings from representative prose authors (first semester) and poets (second semester). Three hours.

71-72 GREEK LITERATURE IN ENGLISH TRANSLATION. No knowledge of the original language is required. In the first semester, the epic (Homer) and tragedy (Aeschylus, Sophocles, Euripides) will be studied as manifestations of the Greek creative genius. In the second semester, comedy (Aristophanes), the development of the critical attitude (Plato, Aristotle, Longinus) and individualism (Theocritus, Lucian) will be studied. Three hours. Alternates with Classics 73.

73 ROMAN LITERATURE IN ENGLISH TRANSLATION. No knowledge of the original language is required. Drama (Plautus, Terence, Seneca), poetry (Lucretius, Virgil, Horace) and the *De Officiis* of Cicero will be studied as manifestations of the Roman creative spirit. Three hours. Alternates with Classics 71-72. Not offered in 1950-1951.

87-88 INDEPENDENT STUDY. Designed for those students who desire to do independent study in some special field. The field of study may be selected by the student, subject to the approval of the Head of the Department, according to interest and future needs. One to three hours.

ECONOMICS AND BUSINESS ADMINISTRATION

R. H. KYLER, *Head of the Department*

AIMS: The courses are intended to provide all students with the background necessary for a better understanding of current economic and social problems and to prepare them for intelligent citizenship; to train students effectively for responsible positions in the world of business; to lay a thorough foundation for graduate study and teaching in the field.

REQUIREMENT FOR MAJOR: Thirty-six hours in the department following a sequence of courses approved by the head of the department. Economics 43-44, 45, 47 or 48, and at least 15 hours in upper division courses must be included. Students who plan to do graduate work in economics are advised to complete courses 73 and 74, and to obtain a reading knowledge of French and German.

REQUIREMENT FOR MINOR: Eighteen semester hours in the department including Economics 43-44, 45, 47 or 48 plus two courses approved by the head of the department.

25 or 26 AMERICAN ECONOMIC HISTORY. For beginning students of economics; intended to provide the necessary historical background of present economic and business conditions with special emphasis on the economic development of the United States. Open to freshmen. Three hours.

27 or 28 BUSINESS ORGANIZATION AND MANAGEMENT. For beginning students of business administration, intended to give a survey of the

general field of business including production, marketing, retailing, salesmanship, personnel administration, insurance, corporation finance, taxation and banking. Open to freshmen. Three hours.

41 or 42 PERSONAL FINANCE. Checking accounts, charge accounts, installment buying, planning a budget, financing a home, investing in securities, buying insurance, making a will, starting a business and other financial problems confronting the college graduate. Recommended also to students majoring in other departments. Not open to freshmen. Registration with permission of the head of the department. Three hours.

43-44 PRINCIPLES OF ECONOMICS. The fundamentals of economics; their application to economic, social and political conditions of today is stressed with the purpose of giving the student the approach to an intelligent outlook on current problems. A continuous course. This course is a prerequisite for all upper division courses in this department. Not open to freshmen. Three hours.

45-46 INTRODUCTION TO ACCOUNTING. Principles and methods of accounting for different types of business organizations. This course is an indispensable foundation for general business training. A continuous course. Not open to freshmen. Three hours.

47 or 48 ELEMENTARY BUSINESS STATISTICS. Statistical principles and their practical application in the administration of modern business; nature, collection and organization of data; presentation of data in tabular and graphic form; the various averages; measures of dispersion; construction and use of index numbers. Three hours.

51 PRINCIPLES OF MARKETING AND DISTRIBUTION. The marketing function of the manufacturer, wholesaler, jobber, retailer, mail-order house, chain store and other marketing institutions; cost of distribution; problems of marketing management and planning; modern trends in marketing. Prerequisites, Economics 43-44 and 45. Three hours.

52 RETAIL MERCHANDISING. Purchasing, receiving and pricing merchandise with emphasis on the retail store and other retail establishments; stock control, sales promotion, retail personnel, credit and collection, retail advertising and accounting survey. Prerequisites, Economics 43-44 and 51. Three hours. Given in alternate years.

54 PERSONAL SELLING AND SALES MANAGEMENT. A presentation of current sales principles and practices with a preparation of the sales talk, the use of the sales talk, the use of the sales portfolio; analysis of demand and a study of the personal characteristics of the successful salesman. Prerequisites, Economics 43-44 and 51. Three hours. Given in alternate years. Not offered in 1950-1951.

55 or 56 INSURANCE PRINCIPLES AND PRACTICES. The principles and practices of the more important forms of insurance; the study of individual coverages or of individual departments of insurance work with an appreciation

of their importance and of their interrelationships. Prerequisites, Economics 43-44 and 45. Three hours. Given in alternate years. Not offered in 1950-1951.

57 CORPORATION FINANCE. The corporation and its development and place in modern industry; the principles and phenomena which rise out of the acquisition and utilization of capital for business purposes. Prerequisites, Economics 43-44 and 45. Three hours. Given in alternate years.

58 BUSINESS LAW. The basic principles of American business law and their application to concrete situations; the study of the law as a necessary instrument for the business man; modern trends in business law. Problems from actual controversies are used. Prerequisites, Economics 43-44 and 45. Three hours. Given in alternate years.

61 MONEY, CREDIT AND BANKING. The principles of monetary and banking theory as they exist at present and a survey of banking practices. Intended to give a thorough understanding of contemporary money, credit, and banking problems. Prerequisites, Economics 43-44 and 45. Three hours.

62 INDUSTRIAL MANAGEMENT. The scientific management movement; location and layout of industrial plants; types of organization; standards of operation; purchasing and inventory control; wage payment plans; production control; research and inspection problems. Three hours. Given in alternate years. Not offered in 1950-1951.

63 or 64 PUBLIC FINANCE AND TAXATION. A survey of the principles of government finance combined with a thorough study of the federal tax system. Prerequisites, Economics 43-44 and 45. Three hours.

65 LABOR PROBLEMS. (Personnel Administration 65.) The position of the wage earner in modern industrial society; policies, methods and objectives of organized labor; meaning and determinants of labor supply and employment; sub-standard workers; quest for security; union recognition; social and economic objectives of industrial democracy. Prerequisites, Economics 43-44. Three hours.

66 PERSONNEL MANAGEMENT. (Personnel Administration 66.) Procedures, activities and evaluation of personnel management and industrial relations in business and industry; selection and placement; job analysis and evaluation; training and promotion; job satisfaction; wage theory and procedures; manpower utilization; labor-management relations. This course presupposes some knowledge of psychology and statistical method. Three hours. Given in alternate years.

69-70 INTERMEDIATE ACCOUNTING. Theory and practice of valuation of assets and liabilities; inventories, consignments, installment sales, investments, funds, reserves and related accounting problems; analysis and interpretation of financial statements. A continuous course. Prerequisites, Economics 43-44 and 45-46. Three hours. Given in alternate years.

72 GOVERNMENT AND LABOR. (Personnel Administration 72.) The role of government in mediation, investigation and arbitration of labor disputes;

regulatory and protective legislation; legislative and judicial appreciation of the economic, social and political problems involved. Reading and independent study. Prerequisite, Economics 65 and permission of instructor. Three hours. Given in alternate years. Not offered in 1950-1951.

73 ADVANCED ECONOMIC THEORY. An analysis of the theories of value and distribution with emphasis on the forces affecting price and output policies of firms under conditions of competition, monopolistic competition, and monopoly; economic theory applied to current problems on an advanced level. Primarily for seniors who plan to do graduate work in economics. Three hours.

74 HISTORY OF ECONOMIC THOUGHT. Outstanding writers and their ideas are studied in relation to the conditions that led to important changes and developments in economic thinking; current trends of thought. Primarily for seniors who plan to do graduate work in economics. Three hours.

83-84 SEMINAR IN ECONOMICS AND BUSINESS ADMINISTRATION. Economic and business problems are studied on an advanced level for the purpose of supplementing and correlating work done in other courses. Required of all majors in Economics and Business Administration. Three hours. Registration with permission of the head of the department.

87-88 INDEPENDENT STUDY IN ECONOMICS AND BUSINESS ADMINISTRATION. Designed for students who desire to do independent study in some special field. The field of study may be selected by the student, subject to the approval of the Head of the Department, according to interest and future needs. One to three hours.

91-92 HONORS COURSE. Independent research and reading in Economics or Business Administration. Permission to enroll given to superior upper division students only. One to three hours.

EDUCATION

R. H. ELIASSEN, *Head of the Department*

AIMS: This department seeks to develop in all students a wholesome and intelligent attitude toward public education; to cultivate thinking about problems in education; to integrate its work with that of other departments in a well-rounded liberal and professional education of prospective teachers who may qualify for teaching in Ohio, Pennsylvania, West Virginia and other states, and to offer some technical preparation for guidance work.

REQUIREMENT FOR MAJOR: A minimum of twenty-four hours in the department, with a sequence of courses approved by the head of the department and at least six hours in psychology.

REQUIREMENT FOR MINOR: Twenty hours in the department, with a sequence of courses approved by the head of the department.

TEACHING TRAINING: Students who are interested in teaching should confer with the head of the Department of Education as early as possible, prefer-

ably during the freshman year and not later than the beginning of the upper division work.

31-32 HUMAN GROWTH AND DEVELOPMENT. The understanding and appreciation of individual and group development from infancy up to adolescence during the first semester and during adolescence the second semester; the type of school which best meets the needs and interests of children and youth; observations and first hand contacts with children. Carefully selected motion pictures showing how children develop are shown. Three hours.

51 HISTORY AND PHILOSOPHY OF EDUCATION. Educational theory and practice from the days of ancient Greece to the present. The pivotal aim of the course is to secure an understanding of contemporary education through a survey of the thinking of great leaders of educational thought, past and present. Three hours.

52 PRINCIPLES OF SECONDARY EDUCATION. The functions and characteristics of the modern high school which can best serve the important needs of American Youth today; current issues and trends; problems of young people today. Some observations of high schools and high school students are required. Three hours.

59 or 60 EDUCATIONAL PSYCHOLOGY. (Psychology 59 or 60). The nature and laws of learning; original nature as conditioning learning; the amount, rate, limit and permanence of improvement; factors and conditions affecting learning; transfer of training; mental fatigue; individual differences; efficient methods of study. Prerequisite, Psychology 31. Three hours.

62 MEASUREMENT OF INTELLIGENCE (Psychology 62). The more important techniques for the measurement of intelligence; historical background, validation and use of intelligence tests in education and in out-of-school agencies. Laboratory work with individual and group tests. Prerequisite, Psychology 31-32. Three hours.

65 AUDIO-VISUAL EDUCATION. Stresses importance of proper utilization of visual and auditory materials and equipment including blackboards, maps, pictures, slides, motion pictures, radio and recordings; where to secure teaching materials; the development of resourcefulness in making use of what one has in a community and school. Students have laboratory experiences with both visual and auditory equipment. Two hours.

66 GUIDANCE PRINCIPLES AND PRACTICES. The purpose, procedures, and techniques of guidance work; the role of the teacher in a guidance program. This course should be elected by students who are planning to enter the field of education as teachers, counselors or administrators. Two hours. Not offered in 1950-1951.

71. STATISTICAL METHODS. (Psychology 71). Analysis and description of psychological, educational and sociological data by means of statistical constants which measure central tendency, dispersion and simple correlation; graphic methods, normal curve and experimental design. Three hours. Not offered in 1950-1951.

72 EDUCATIONAL MEASUREMENTS. Techniques for the measurement and evaluation of educational competence and development; construction, validation, use and interpretation of standard measurements and their relation to the educative process. Two hours.

80 TECHNIQUES OF TEACHING. Basic methods, materials, and techniques of present day teaching to serve as an introductory course for practice teaching. Recommended for all students who expect to take Education 81 or 82. Two hours.

81-82 OBSERVATION AND DIRECTED TEACHING. Observations, teaching, and participating activities in the public secondary schools; the role of teachers and principals in the administration of the high schools. Students who desire to register for this course are required to fill out an application for permission to take the course. This application requires the recommendation of the department head of the student's major field. This application should be filled out before the advanced enrollment each semester. Students should not register for more than 16 semester hours of academic work, including student teaching during the semester that the course is carried. Supervised teaching will be restricted to high schools within a radius of approximately 50 miles from Bethany. Six hours.

85-86 SPECIAL METHODS IN TEACHING. See courses offered in several departments, viz:

Biology 85	Modern Languages 85
Chemistry 85	Music 85 or 86
Classics 85 (Latin)	Physical Education 85
English 86	Physics 85 or 86
History 85 or 86	Religious Education 86
Mathematics 85 or 86	

91 or 98 HONORS COURSE. Independent study and investigation in the field of professional education. Open only to upper division students of unusual ability and adequate background in the field of education. One to three hours.

ENGLISH

WALTER B. GREENWOOD, *Head of the Département*

AIMS: To furnish students with a comprehensive knowledge of the English language and literature as a cultural discipline or as a preparation for creative writing and graduate study, to provide background and resources for teaching or editorial work, and to train students to speak properly and effectively in public.

REQUIREMENT FOR MAJOR: Students who plan to teach English, to prepare for graduate study or to acquire a comprehensive knowledge of the English language and literature must elect English 31-32 and a minimum of eighteen hours in literature courses in the upper division. Students planning to enter graduate schools should elect English 56 and 58.

REQUIREMENT FOR MINOR: For students electing a minor, at least eighteen hours in English literature are required. English 31-32 must be included. For students electing a minor in Speech and Dramatics, at least eighteen hours in courses approved by the head of the department. English 31-32 must be included.

11-12 WRITTEN AND SPOKEN ENGLISH. First semester emphasizes fundamentals of composition in writing and speaking; review of grammar. Second semester places greater emphasis on content and style in composition with instruction and practice in the technique of preparing a research paper. Vocabulary study, selected readings and conference work. Three hours.

27 APPRECIATION OF ENGLISH LITERATURE A rapid analysis and appreciation of the development of the literature of England from the beginnings to the present. The course is designed for the general student and provides an introduction to literature. Credit will not be given for both this course and English 31-32. Three hours. Alternates with English 28.

28 APPRECIATION OF AMERICAN LITERATURE. A study of American literary figures and movements. The course is designed for the general student. Credit will not be given for both this course and English 51-52. Three hours. Alternates with English 27. Not offered in 1950-1951.

31-32 SURVEY OF ENGLISH LITERATURE. The development of English literature from the beginnings to the present. Required of all students who are majors and minors in the department. Three hours.

51-52 AMERICAN LITERATURE. A survey of American literature as an aspect of American culture and as a development of thought in America in relation to the life and literature of the western world. Three hours.

56 GROWTH AND STRUCTURE OF THE ENGLISH LANGUAGE. An historical study of the language, its grammar, its foreign borrowings. Three hours. Alternates with English 86.

57 THE DRAMA. The development of English drama, exclusive of Shakespeare. Three hours. Alternates with English 67. Not offered in 1950-1951.

58 SHAKESPEARE. Shakespeare and his times, the comedies and histories; the tragedies and later romances. Three hours. Alternates with English 68. Not offered in 1950-1951.

59 THE RENAISSANCE. A study of the prose and poetry of the English Renaissance. Prerequisite, English 31-32 or 27. Three hours. Alternates with English 65.

60 THE SEVENTEENTH CENTURY. English prose and poetry from Donne through Dryden. Prerequisite, English 31-32 or 27. Three hours. Alternates with English 66.

61-62 THE EIGHTEENTH CENTURY. English prose and poetry from Addison through Cowper. Prerequisite, English 31-32 or 27. Three hours. Alternates with English 70 and 73.

65-66 THE NINETEENTH CENTURY. English prose and poetry from Blake through Swinburne. Prerequisite, English 31-32 or 27. Three hours. Alternates with English 59-60. Not offered in 1950-1951.

67-68 THE NOVEL. The development of the English novel. Representative non-English novels will also be read in translation. Three hours. Alternates with English 57 and 58.

70 CONTEMPORARY LITERATURE. Recent novels, poetry and drama. Three hours. Alternates with English 62. Not offered in 1950-1951.

71-72 THE BIBLE AS LITERATURE. (Old Testament 71-72.) Origin, development and literary values of the various types of literature of the Bible. Three hours.

73 WORLD LITERATURE. Literature of the western world which has influenced the development of English literature. Three hours. Alternates with English 61. Not offered in 1950-1951.

83-84 SEMINAR IN ENGLISH LITERATURE. Designed for advanced students majoring in English. Extensive reading for the purpose of correlating and supplementing work done in other courses. Three hours.

86 METHODS AND MATERIALS IN TEACHING ENGLISH. Analysis and discussion of methods and materials of instruction that have been used most effectively in the teaching of English literature and composition in secondary schools. Two hours. Alternates with English 56. Not offered in 1950-1951.

87-88 INDEPENDENT STUDY IN ENGLISH. Designed for those students who desire to do independent study in some special field. The field of study may be selected by the student, subject to the approval of the Head of the Department, according to interest and future needs. One to three hours.

91-92 HONORS COURSE. Conferences, papers and reports on minor research problems. Limited to seniors of superior achievement who are majoring in the department. One to three hours.

GEOGRAPHY AND GEOLOGY

35 PRINCIPLES OF GEOGRAPHY. The general principles of the science including earth origins, the results of the dynamic geographical agencies tending to change its surface. Practical work in mineralogy, physiography and stratigraphy is required during the course. Three hours. Not offered in 1950-1951.

36 HISTORICAL GEOLOGY. The history of the earth as revealed by its strata. Laboratory and field study of the common fossils and local formations. Three hours. Not offered in 1950-1951.

51 or 52 WORLD GEOGRAPHY. The political and social geography of the world with emphasis on the new map of Europe and Asia. Three hours.

HISTORY AND POLITICAL SCIENCE

CHANDLER SHAW, *Head of the Department*

AIMS: To present the origin and development of institutions and ideas and to point out the great traditions that are molding our thought and action today; to gain a better perspective of our own political, economic and social structure and to be more aware of the nature and needs of contemporary life. The courses in political science are intended to acquaint the student with the political institutions and political problems in the United States and the world today.

REQUIREMENT FOR MAJOR: Not less than twelve semester hours in European history, twelve semester hours in American history and six hours in political science, chosen with the advice and consent of the head of the department.

REQUIREMENT FOR MINOR IN HISTORY: Not less than eighteen hours approved by the head of the department. At least six hours must be in the upper division.

REQUIREMENT FOR MINOR IN POLITICAL SCIENCE: Not less than twelve hours in Political Science and six hours in United States history.

EUROPEAN AND WORLD HISTORY

17-18 DEVELOPMENT OF SOCIAL INSTITUTIONS. The development of political, social and cultural institutions from ancient times to the twentieth century, especially as they contribute to an understanding of our own civilization. Three hours each semester.

33 FUNDAMENTAL SOCIAL PROBLEMS. The recent background and development of the great social, economic and political forces of our own day. Includes the problems of war and peace, democracy and totalitarianism, capital and labor, and the welfare state. Three hours.

34 FUNDAMENTAL SOCIAL PROBLEMS. (Sociology 34.) The impact of social change; the major lags leading to social breakdowns; unemployment, poverty, dependency and disease; various deficiencies and maladjustments; programs for social adjustment. Three hours.

51-52 MODERN EUROPEAN HISTORY. The political and cultural history of Europe from the sixteenth century to the present. Three hours.

54 HISTORY OF THE FAR EAST. A survey of the history and civilization of India, China, Japan, and other countries of the Orient. Three hours. Offered in alternate years. Not offered in 1950-1951.

65 ANCIENT CIVILIZATION. The history of the Near East, Greece, and Rome. Three hours. Offered in alternate years. Not offered in 1950-1951.

66 THE MIDDLE AGES. European civilization and culture from the fourth to the sixteenth centuries. Three hours. Offered in alternate years. Not offered in 1950-1951.

69 THE HISTORY OF ENGLAND. English institutions and the English people from the ninth to the early twentieth centuries. Three hours. Offered in alternate years.

70 NAPOLEON TO STALIN. Selected political and intellectual movements in Europe and Asia in the last hundred and fifty years together with the lives and achievements of outstanding men and women. Three hours. Offered in alternate years.

76 INTERNATIONAL RELATIONS SINCE 1945. The political aftermath of the Second World War; the United Nations and problems of international cooperation and peace; American foreign policy and Russian-American relations. Three hours. Offered in alternate years.

AMERICAN HISTORY

26 AMERICAN ECONOMIC HISTORY. (Economics 26.) The historical background of present-day economic conditions in the United States. Three hours.

41-42 UNITED STATES HISTORY. The political, economic and social growth of America from the period of exploration to the present day. Three hours.

63 TWENTIETH CENTURY AMERICA. American society during the progressive era and the period between the two World Wars, with emphasis on the development of the depression crises, the domestic and foreign programs of the New Deal, America's intellectual life, and the coming of World War II. Three hours. Offered in alternate years. Not offered in 1950-1951.

72 LATIN AMERICA. The history and culture of the peoples of Central and South America. The period since 1890 will be stressed. Three hours. Offered in alternate years. Not offered in 1950-1951.

77 THE DEVELOPMENT OF THE AMERICAN NATION. The political and economic evolution of the sectional conflict; the principal social problems and intellectual achievements of Americans from 1815 to 1860. Three hours. Offered in alternate years.

78 THE AGE OF BIG BUSINESS. The development of the American industrial system from 1865 to World War I and its impact upon American politics and culture. Three hours. Offered in alternate years.

79 WEST VIRGINIA HISTORY. The early history of the western sections of Virginia and the formation and development of the new state. Two hours. Offered in alternate years. Not offered in 1950-1951.

POLITICAL SCIENCE

55-56 AMERICAN GOVERNMENT AND POLITICS. The structure and functions of national, state and local governments in the United States. Emphasis

on contemporary political problems and issues. Three hours. Offered in alternate years. Not offered in 1950-1951.

68 GOVERNMENT AND LABOR. (Personnel Administration 68.) The role of government in mediation, investigation and arbitration of labor disputes; regulatory and protective legislation; legislative and judicial appreciation of the economic, social and political problems involved. Reading and independent study. Prerequisite, Economics 65 and permission of the instructor. Three hours. Offered in alternate years. Not offered in 1950-1951.

73 ORIGINS OF AMERICAN DEMOCRACY. The ideas and institutions of Europe that have most influenced the American political tradition; the development of democracy in the thirteen colonies; the formation of the Constitution and the political institutions of the early Republic. Three hours. Offered in alternate years.

76 ELEMENTS OF MODERN POLITICS. The theory and practice of politics in recent times. Three hours. Offered in alternate years.

HISTORICAL METHODS AND PROBLEMS

83-84 SEMINAR IN HISTORY. A study of sources, materials, historical criticism and interpretations of history. Required of all majors in History and Political Science. One hour.

85 METHODS AND MATERIALS IN TEACHING HISTORY. Designed to aid the prospective High School teacher. Two or three hours. Offered in alternate years.

87-88 INDEPENDENT STUDY IN HISTORY. Designed for those students who desire to do independent study in some special field. The field of study may be selected by the student, subject to the approval of the Head of the Department, according to interest and future needs. One to three hours.

91-92 HONORS COURSE. Independent research in history or political science. Limited to senior majors of superior achievement. One to three hours.

JOURNALISM

E. E. ROBERTS, *Head of the Department*

AIMS: To provide background and technical training for students preparing to do newspaper work or professional writing.

REQUIREMENT FOR MAJOR: Students who plan to prepare for newspaper work, professional writing or graduate work in journalism must have twelve hours of English composition and literature, Journalism 53 and 63 and twelve additional hours in journalism.

REQUIREMENT FOR MINOR: At least twelve hours in journalism and six hours in English beyond English 11-12.

53 REPORTING. Techniques and values in news reporting and news writing; emphasis upon learning to write clearly, forcefully and distinctively; writing of daily news stories, weekly features and all types of news copy. Three hours.

56 ADVANCED REPORTING. Make-up, re-write and copy desk procedure. Prerequisite, Journalism 53 or permission of the instructor. Three hours.

63 FEATURES. Writing of twenty special features for magazines and trade journals—minimum of 35,000 words. Three hours.

64 ADVANCED FEATURES. Study of the magazine field with the submission of feature articles written for specific magazines—minimum 50,000 words. Prerequisite, Journalism 63 or permission of the instructor. Three hours.

65 ADVERTISING. Department store, financial and business advertising programs; buying motives, sales appeals, copywriting; research, media, and production. Three hours.

66 HISTORY OF AMERICAN JOURNALISM. Journalistic backgrounds, development of American newspapers and magazines from colonial days to the present; a parallel study of advertising and advertising methods which have made modern American journalism possible. Prerequisite, Journalism 53 or 63 or permission of the instructor. Three hours.

71 RADIO AND PLAY WRITING. A study of modern plays and radio scripts and the actual writing of one-act plays or radio scripts as the student may elect. Three hours.

72 CONTEMPORARY REPORTING PROBLEMS. Reporting in special fields such as labor, science or business; a study of news releases and much actual writing in these fields—minimum 75,000 words. Three hours.

73 SHORT STORY. Study of narration and characterization as related to the writing of fiction and the actual writing of twenty short stories to be approved by the instructor—minimum 40,000 words. Three hours.

74 ADVANCED FICTION. Intensive writing in some field of fiction, selected by the student and approved by the instructor—minimum 100,000 words. Prerequisite, Journalism 71 or 73. Three hours.

91-92 HONORS COURSE. Advanced writing projects for senior students of marked ability and interest in the field of journalism. Elective only by permission of the instructor. One to three hours.

LIBRARY SCIENCE

21 INTRODUCTION TO LIBRARIANSHIP. An overview of the field of librarianship, and library development with suggestion of opportunities for service which the library profession offers. Three hours.

52 LIBRARY TECHNIQUE. Library organizations and routines; planned to familiarize the prospective library school student with the kind of work and the type of problems undertaken in the professional library school. A laboratory course. Prerequisite, Library Science 21. Three hours.

MATHEMATICS

BRADFORD TYE, *Acting Head of the Department*

AIMS: To give the prospective teacher an understanding and appreciation of the fundamental ideas of elementary mathematics; to provide the general student with a knowledge of the mathematical foundation of our civilization; to provide a tool for the technical student; and to give the prospective graduate student a proper foundation for later study and research.

REQUIREMENT FOR MAJOR: A minimum of twenty-four hours in mathematics, including Mathematics 31-32, and at least twelve upper division hours which should include Mathematics 53-54. Students interested in science and engineering should elect Mathematics 71-72. Students interested in economics should elect Mathematics 57 and 58. Students interested in mathematics as a teaching subject should elect Mathematics 55 and 56. Two courses in the department should be taken in the senior year.

REQUIREMENT FOR MINOR: A minimum of eighteen hours in mathematics, including Mathematics 31-32 and six hours in upper division courses.

11 MATHEMATICAL ANALYSIS. Plane trigonometry, logarithms and the slide rule; linear and quadratic equations; inequalities, progressions and binomial theorem; mathematical induction; analytic geometry of the straight line; determinants. Three hours.

Students enrolling in this course who rank low in the mathematics achievement test for freshmen will be required to attend a special laboratory section until their deficiency is corrected.

12 MATHEMATICAL ANALYSIS. Polar coordinates; DeMoivre's theorem; theory of equations; permutations and combinations; the analytic geometry of second degree curves; quadric surfaces; applications of analytical methods and an introduction to the derivative. Prerequisite, Mathematics 11 or three units of mathematics at the secondary school level, including trigonometry and high standing in the mathematics achievement test for freshmen. Three hours.

14 MATHEMATICAL ANALYSIS. Same course as Mathematics 11. Offered second semester.

21-22 ENGINEERING DRAWING. Free-hand lettering; orthographic projection, including sections and auxiliary views; dimensioning; isometric and oblique projections with emphasis on working drawings. Standard symbols and conventions. Ink and pencil tracings. Three hours.

24 PLANE SURVEYING. Care and use of surveying instruments; field problems; computations and mapping. One hour class and four hours field work each week. Three hours. Not offered in 1950-1951.

27 DESCRIPTIVE GEOMETRY. Principles of projections; non-metric and metric problems; plane sections and developments; intersections of surfaces; construction of perspective drawings. This course achieves an effective correlation between descriptive and analytic geometry by presenting both methods, the graphic and the algebraic. Three hours. Not offered in 1950-1951.

31-32 DIFFERENTIAL AND INTEGRAL CALCULUS. Technique of differentiation and integration with applications and an introduction to infinite series. A continuous course. Prerequisite, Mathematics 11-12. Three hours.

52 MECHANICS. (Physics 52.) A treatment of classical mechanics with application of principles and a brief consideration of wave mechanics. Prerequisite, Physics 31-32 and Mathematics 31-32. Three hours.

53-54 ADVANCED CALCULUS. Theory of the derivative and the definite integral; partial differentiation and its applications; Green's and Stoke's theorems; power series; Fourier series; vector notation; complex variable. Prerequisite, Mathematics 31-32. Three hours.

55 INTRODUCTION TO HIGHER ALGEBRA. Theory of equations; solution of cubic, quartic, and numerical equations; complex numbers and an introduction to the fundamental concepts of algebra. Prerequisite, Mathematics 31-32. Three hours. Not offered in 1950-1951.

56 INTRODUCTION TO MODERN GEOMETRY. Euclidean and non-Euclidean geometries; an introduction to synthetic projective geometry; the concept of limit and infinity; geometrical constructions, recent developments and theorems. Prerequisite, Mathematics 31-32. Three hours. Not offered in 1950-1951.

57 MATHEMATICS OF STATISTICS. Frequency distributions; measures of central tendency; dispersion and correlation; regression equations and the theory of probability. Prerequisite, Mathematics 11-12. Three hours. Not offered in 1950-1951.

58 MATHEMATICS OF FINANCE AND INVESTMENT. The operation of interest and annuities; amortization of debts and sinking funds; valuation of bonds; the experience table and calculation of premiums for life insurance. Prerequisite, Mathematics 11, Economics 43-44. Three hours.

59 ADVANCED ANALYTIC GEOMETRY. Advanced methods and problems of analytic geometry of two and three dimensions including loci; the general equation of the second degree; Euclidean transformations; poles and polars; quadric surfaces; determinants. Prerequisite, Mathematics 31-32. Three hours credit.

71 DIFFERENTIAL EQUATIONS. Methods of solution of ordinary differential equations and their applications to the physical sciences. Prerequisite, Mathematics 31-32. Three hours. Not offered in 1950-1951.

72 APPLIED MATHEMATICS. Application of ordinary and partial differential equations to problems in physics, chemistry and electricity; vibrating string and heat flow problems; Vector calculus and applications. Prerequisite, Mathematics 71. Three hours. Not offered in 1950-1951.

83-84 SEMINAR IN MATHEMATICS. Special reports prepared and presented by the student under supervision. The work of the second semester will help prepare the student for the comprehensive examination. Required of all major students in the senior year. One hour.

86 METHODS AND MATERIALS IN TEACHING MATHEMATICS. Approved methods in teaching mathematics at the secondary level; class period activities of the teacher; procedures and devices in teaching; organization of materials, testing, aims, and modern trends. Open only to juniors and seniors who expect to teach. Two or three hours.

87-88 INDEPENDENT STUDY IN MATHEMATICS. Designed for those students who desire to do independent study in some special field. The field of study may be selected by the student, subject to the approval of the Head of the Department, according to interest and future needs. One to three hours.

91 or 92 HONORS COURSE. Advanced work and independent study. Open to seniors of unusual ability with permission of the head of the department. One to three hours.

MODERN LANGUAGES

EARL D. MCKENZIE, *Head of the Department*

AIMS: To introduce students to the language, literature and culture of France, Germany and the Spanish speaking countries; to provide training in reading facility for students who are interested in scientific or historical study requiring a foreign language as a "tool subject"; and to give adequate training in language, literature and expression to students who are preparing to be teachers, translators or representatives in foreign service.

REQUIREMENT FOR A MAJOR IN FRENCH, GERMAN, OR SPANISH: Twenty-four hours in the language, not including French 11-12, German 11-12, or Spanish 11-12, with eighteen hours in upper division courses. A reading knowledge of one foreign language other than the one chosen as a major. Students expecting to teach a foreign language must complete Modern Languages 85 or 86. Modern Languages 71 is required of all majors. History 51 and 52 are recommended.

REQUIREMENT FOR A MAJOR IN MODERN LANGUAGES: A minimum major in one of the languages offered in the department, a minor in a second language and a reading knowledge of the third. Modern Languages 71 is required of all majors. History 51 and 52 are recommended.

REQUIREMENT FOR A MINOR IN FRENCH, GERMAN OR SPANISH: At least eighteen hours in the same language.

NOTE: Students who have studied French, German or Spanish before entering college will be given an achievement test at the beginning of the freshman year. Those showing required proficiency will be enrolled in French 31-32, German 31-32, or Spanish 31-32; those of superior attainments may enter a course in the upper division with permission of the head of the department.

F R E N C H

11-12 FIRST YEAR FRENCH. Fundamentals of grammar, pronunciation and composition; emphasis on reading. Two hours' laboratory work per week in addition to three hours' classroom work. For students who have no acquaintance with the language. Three hours.

31-32 INTERMEDIATE FRENCH. Grammar review, composition, dictation, intensive and extensive reading. Prerequisite, French 11-12 or a satisfactory standing in an achievement test. Three hours.

51-52 CONVERSATION AND COMPOSITION. Prose composition, syntax and phonetics; dictation, conversation, recordings. Prerequisite, French 31-32 or permission of the Head of the Department. Three hours. Not offered in 1950-1951.

55-56 MODERN DRAMA. French drama since the seventeenth century. Conducted in French. Prerequisite, a reading knowledge of French. Three hours. Not offered in 1950-1951.

61-62 NOVEL. The French novel from its beginning to the twentieth century. Conducted in French. Prerequisite, a reading knowledge of French. Three hours. Offered in alternate years.

65-66 HISTORY OF FRENCH LITERATURE. Survey of French literature from the early periods to the present time. Readings in French from an anthology. Prerequisite, a reading knowledge of French. Conducted in French. Three hours. Not offered in 1950-1951.

71 SEVENTEENTH CENTURY DRAMA. Study of the plays of Corneille, Racine and Moliere, as representative of the classical spirit in France. Conducted in French. Prerequisite, a reading knowledge of French; French 65-66 recommended. Three hours. Offered in alternate years.

72 NINETEENTH CENTURY POETRY. Study of schools of poetry: Romanticism, Parnassian, Symbolism. Conducted in French. Prerequisite, a reading knowledge of French; French 65-66 recommended. Three hours. Offered in alternate years.

G E R M A N

11-12 FIRST YEAR GERMAN. Fundamentals of pronunciation, grammar, reading and composition. Two hours' laboratory work per week in addition to three hours' classroom work. For students who have no acquaintance with the language. Three hours.

31-32 INTERMEDIATE GERMAN. Grammar review, composition, dictation, intensive and extensive reading. Special emphasis on outside reading in student's major or minor field. Prerequisite, German 11-12 or equivalent. Three hours.

51-52 CONVERSATION AND COMPOSITION. Practical conversation, study of syntax, prose, composition and dictation. Wire recording. Registration with the permission of the head of the department. Not offered in 1950-1951. Three hours. Offered in alternate years.

57-58 NINETEENTH CENTURY. Reading and critical study of the nineteenth century, especially Kleist, Hebbel, Heine, Keller; special emphasis on the drama and the Romantic school. Outside readings and reports. Conducted in German. Prerequisite, a reading knowledge of German. Three hours. Offered in alternate years.

65-66 HISTORY OF GERMAN LITERATURE IN ENGLISH. German literature from the Hildebrandslied to the twentieth century. Conducted in English. A reading knowledge of German is desirable, but not essential. Three hours. Offered in alternate years.

67-68 EIGHTEENTH CENTURY. Readings from the works of Lessing, Goethe and Schiller. Conducted in German. Prerequisite, a reading knowledge of German. Outside readings and reports. Three hours. Not offered in 1950-1951. Offered in alternate years.

SPANISH

11-12 FIRST YEAR SPANISH. Fundamentals of pronunciation, grammar, reading and composition. Two hours' laboratory work per week in addition to three hours' classroom work. For students who have no acquaintance with the language. Three hours.

31-32 INTERMEDIATE SPANISH. Grammar, oral work and reading. Practice in dictation, writing and speaking. Reading of modern prose and plays. Prerequisite, Spanish 11-12 or equivalent. Three hours.

51 CONVERSATION. Conversation, dictation, recordings and composition. Prerequisite, Spanish 31-32 or equivalent. Three hours.

52 COMMERCIAL SPANISH. Study of business and commercial Spanish. Conversation and composition. Prerequisite, Spanish 31-32 or equivalent. Three hours.

61-62 SURVEY OF SPANISH LITERATURE. A general survey of Spanish and Spanish-American literature. Literary masterpieces by representative authors of the classical period, the nineteenth century and contemporary literature. Lectures, readings, and reports. Prerequisite, Spanish 31-32 or permission of the head of the department. Three hours. Offered in alternate years.

71-72 SPANISH LITERATURE IN THE NINETEENTH CENTURY. Development of the drama and novel of the nineteenth century through works of such dramatists as los Quinteros and Benaventa and such novelists as Alaton, Pereda, Perez Galdos and Placio Valdes. Conducted in Spanish. Prerequisite, a reading knowledge of Spanish. Offered in alternate years. Three hours. Not offered in 1950-1951.

MODERN LANGUAGES

71 LINGUISTIC DEVELOPMENT OF MODERN LANGUAGES. An introduction to comparative philology. The development of English, French, German and Spanish from the Indo-European to modern times. Required of all

majors in the department. Open to other students with the permission of the Head of the Department. Offered in alternate years. Three hours. Not offered in 1950-1951.

83-84 SEMINAR FOR MAJOR STUDENTS. Intensive, integrated study in major field. Geography, History, Government, Education, Science, Press, Art and Music of French, German or Spanish speaking countries. Required of major students. Three hours.

85 or 86 METHODS AND MATERIALS IN TEACHING MODERN LANGUAGES. Study of methods, classroom materials, extra-curricular activities necessary for the teacher of French, German or Spanish. Two hours.

87-88 INDEPENDENT STUDY IN MODERN LANGUAGES. Designed for those students who desire to do independent study in some special field. The field of study may be selected by the student, subject to the approval of the Head of the Department, according to interest and future needs. One to three hours.

91-92 HONORS COURSE IN MODERN LANGUAGES. Individual research work for advanced students of superior ability. Permission of Head of Department required. One to three hours.

MUSIC

GEORGE K. HAUPTFUEHRER, *Acting Head of the Department*

AIMS: To provide opportunity for students to develop an understanding and appreciation of music as a part of general education; to provide a well-balanced pre-professional curriculum for students who intend to become professional musicians; to provide an adequate program of study leading to certification for public school music teaching and supervision; to provide opportunity for students to participate in musical groups as a recreational-cultural activity.

REQUIREMENTS FOR MAJOR: At least twenty-four hours in the department including twelve upper division hours, following a sequence approved by the head of the department.

REQUIREMENT FOR MINOR: At least eighteen hours in the department with a sequence of courses to be approved by the head of the department.

LITERATURE AND THEORY OF MUSIC

11-12 EAR TRAINING AND SIGHT SINGING. Tonal relationships, simple rhythms, intervals, melodies in both major and minor modes; designed to give the student the ability to recognize, reproduce and record simple melodic and rhythmic patterns; a foundation for all subsequent theory courses. Three hours.

23-24 HARMONY I AND II. Major and minor keys, related keys, triads and chords of the seventh and their inversions in four-part writing; the use of non-harmonic material; cadences; modulation; harmonization of a given melody, and analysis of certain of the Bach Chorales. A continuous course. Prerequisite, Music 11-12 or the permission of the instructor. Three hours.

31-32 MUSIC APPRECIATION. Designed to give the layman an overview of the field of music, leading to an appreciation and enjoyment of the world's great music. Requires no technical background. Three hours.

35-36 ADVANCED EAR TRAINING AND SIGHT SINGING. Tonal relationships, including chromatics, syncopated and difficult rhythms; recognition of harmonic progressions, including simple modulations. A continuous course. Prerequisite, Music 11-12, or permission of the instructor. Two hours.

53 HARMONY III. Part writing, using chromatic harmony, modulation, chords up to the thirteenth; the elements of keyboard harmony; some original writing. Prerequisite, Music 23-24, or permission of the instructor. Three hours.

54 COUNTERPOINT. The principles of contrapuntal harmonization in two, three, and four parts; the practical application of counterpoint in the form of invention. Prerequisite, Music 53, or permission of the instructor. Three hours.

55 FORM AND ANALYSIS. The structure and style of music in the baroque, classic, romantic, and modern periods with emphasis upon developing analytic methods which can be applied to all music. Prerequisite, Music 53 or permission of the instructor. Three hours.

56 ORCHESTRATION. The beginning principles of instrumentation and orchestration, including a thorough understanding of transposing instruments; the problems of writing for such groups of instruments as are most commonly found in the average school or community orchestra. Prerequisite, Music 53. Three hours.

61-62 MUSIC HISTORY. The historical significance of the main periods and types of music. Requires no technical background. A continuous course. Two hours. Not offered in 1950-1951.

75-76 CONDUCTING. The technique of the baton and the different problems to be met in conducting chorus, orchestra and band; the introduction to score reading; an opportunity for practical experience through the conducting of the college choral and instrumental groups. Offered only to advanced students. Two hours. Not offered in 1950-1951.

79-80 INSTRUMENTAL TECHNIQUE IN THE PUBLIC SCHOOLS. The principles, problems, and materials for teaching instrumental music in the public schools. Development of the ability to play simple music on at least one representative instrument of each choir of the orchestra. Three hours. Not offered in 1950-1951.

84 SEMINAR. Survey and review of the field of music; its history, theory and literature. Required of all music majors in their senior year. One hour.

85 METHODS AND MATERIALS IN TEACHING MUSIC IN THE ELEMENTARY SCHOOLS. Consideration of the aims and values of elementary school music with opportunities to develop teaching confidence and skill through laboratory teaching in an elementary school. Three hours.

86 METHODS AND MATERIALS IN TEACHING MUSIC IN THE SECONDARY SCHOOLS. Analysis of music offered in high and junior high schools throughout the United States. Consideration of problems, objectives and materials in teaching vocal and instrumental music, theory and appreciation courses in the secondary schools. Opportunities for developing practical teaching projects. Three hours.

87-88 INDEPENDENT STUDY IN MUSIC. Designed for those students who desire to do independent study in some special field. The field of study may be selected by the student, subject to the approval of the Head of the Department, according to interest and future needs. One to three hours.

91-92 HONORS COURSE. Independent study in special fields of music or creative work of an advanced nature. Open only to superior upper division students majoring in the department. One to three hours.

APPLIED MUSIC

15b-16b BAND. Study and performance of standard band repertoire. Frequent public appearances. One hour.

15c-16c CHOIR. A study of choral literature and rendition of cantatas, oratorios and selected numbers of recognized merit. Regular public appearances. One hour.

15g-16g GIRLS' CHORUS. The study and performance of choral literature for female voices, with occasional public appearances. One hour.

15m-16m MALE CHORUS. The study and performance of concert repertoire for male voices. Membership is limited; admission by try-out. One hour.

15o-16o ORCHESTRA. The study and performance of standard orchestral literature with frequent public performances. One hour.

21o-22o ORGAN. Technique, theory and literature of the organ. Open to all students who have had some training in either piano or organ. Private lessons. One or two hours.

21p-22p PIANO. Literature and technique of piano playing designed to develop in the students a discriminating appreciation of fine music and fine musical performance. Private lessons. One or two hours.

21s-22s STRINGS. Private lessons in violin, viola, cello or bass. Course open to beginners as well as students with previous training. One or two hours.

21v-22v VOICE. Vocal technique, theory and literature. Open to all students who have adequate native ability with or without previous vocal training. Private lessons. One or two hours.

21w-22w WIND INSTRUMENTS. Private lessons in basic brass and woodwind instruments. Open to beginners as well as students with previous training. One or two hours.

51o-52o ADVANCED ORGAN. Open only to students who can demonstrate satisfactorily their ability to play compositions equivalent in difficulty to the following: Bach—G minor Fugue (The Little), D minor Toccata and Fugue; or Widor—Toccata from Symphony V. Private lessons. One or two hours.

51p-52p ADVANCED PIANO. Open only to more advanced students who can demonstrate satisfactorily their ability to perform compositions equivalent in difficulty to the following: Beethoven Op. 27 No. 2; Bach—Preludes and Fugues Nos. 2 and 21 (Vol. 1). They will be expected to perform in public recitals from time to time. Private lessons. One or two hours.

51s-52s ADVANCED STRINGS. Open only to students who are able to play satisfactorily music equivalent in difficulty to the Kreutzer Etudes and DeBeriot Concertos for violin. Public performance required. Private lessons. One or two hours.

51v-52v ADVANCED VOICE. Open only to students who have completed four semesters of voice study, can read at sight, have adequate use of at least one modern foreign language, and can demonstrate the ability to perform numbers equivalent in difficulty to standard operatic and lieder literature. Public performance required. Private lessons. One or two hours.

51w-52w ADVANCED WIND INSTRUMENTS. Open only to students who are able to play satisfactorily music equivalent to the difficulty of the Klose Book II or Lazarus Book III for Clarinet. Public performance required. Private lessons. One or two hours.

Note: Applied music courses may be repeated for full credit. Only twelve semester hours of work in Applied Music can be applied toward meeting the minimum requirements for the baccalaureate degree.

PERSONNEL ADMINISTRATION

AIMS: To give professional understanding and training in the general field of personnel administration and industrial relations as part-preparation for a career in business and as an area of interest and study for general education.

REQUIREMENT FOR MINOR: Economics 43 and 44 and twelve hours in Personnel Administration. Psychology 62, 64, and 74 are strongly recommended.

62 INDUSTRIAL MANAGEMENT. (Economics 62.) The scientific management movement; location and layout of industrial plants; types of organization; standards of operation; purchasing and inventory control; wage payment plans; production control; research and inspection problems. Three hours.

65 LABOR PROBLEMS. The position of the wage earner in modern industrial society; policies, methods and objectives of organized labor; meaning and determinants of labor supply and employment; sub-standard workers; quest for security; social and economic objectives of industrial democracy. Prerequisite, Economics 43-44. Three hours.

66 PERSONNEL MANAGEMENT. Procedures, activities and evaluation of personnel management and industrial relations in business and industry; selection and placement; job analysis and evaluation; training and promotion; job satisfaction, wage theory and procedures; labor-management relations. This course presupposes some knowledge of psychology and statistical method. Three hours.

72 GOVERNMENT AND LABOR. The role of government in mediation, investigation and arbitration of labor disputes; regulatory and protective legislation; legislative and judicial appreciation of the economic, social and political problems involved. Reading and independent study. Prerequisite, Economics 65 and permission of instructor. Three hours. Not offered in 1950-1951.

91-92 HONORS COURSE. Minor research studies related to personnel administration and industrial relations. Library research and field studies. Limited to seniors of superior ability who have appropriate background for independent work in this subject. One to three hours.

PHILOSOPHY

53-54 HISTORY OF PHILOSOPHY. Western philosophical thought from the seventh century B. C. to modern times. The first semester will be devoted to a study of ancient and medieval philosophies. The second semester will begin with the Renaissance. Three hours.

55 REFLECTIVE THINKING. Deductive and inductive reasoning; practice in the detection of logical fallacies. Three hours.

56 ETHICS. The theory of the moral life as developed in the history of western thought and applied to personal and social problems. Three hours.

61-62 PLATO. The philosophy of Plato and its influence on ancient and modern thought and culture. Prerequisite, Philosophy 53-54. Three hours. Not offered in 1950-1951.

63 PHILOSOPHY OF RELIGION. The roots of religious experience, religious beliefs and practices such as the idea of God, immortality, prayer and the church; Humanism, Neo-Thomism. The approach is philosophical rather than theological. Three hours. Not offered in 1950-1951.

64 PROBLEMS OF PHILOSOPHY. Five or six of the major problems of knowledge and existence as developed in the writings of great philosophers ranging from Plato to modern times. Prerequisite, Philosophy 53-54. Three hours. Not offered in 1950-1951.

72 CONTEMPORARY PHILOSOPHY. Western philosophical thought since 1900. Prerequisite, Philosophy 53-54. Three hours. Not offered in 1950-1951.

PHYSICAL EDUCATION AND HEALTH

J. J. KNIGHT, *Head of the Department*

AIMS: To promote the health education and physical development of the student; to provide opportunities for students to participate in and secure a reasonable degree of proficiency in recreational activities; and to train physical education and play leaders for educational, industrial and community situations.

REQUIREMENT FOR MAJOR: A minimum of thirty hours which should include the following courses: Physical Education 15 or 16, 37, 67 or 68, 77-78, 83-85; Sociology 41; Biology 11-12 and Biology 35 or 36 are recommended.

REQUIREMENT FOR MINOR: A minimum of twenty hours in the department with a sequence of courses approved by the head of the department.

REQUIREMENT FOR ALL STUDENTS: Freshmen: Physical Education 11-12 is required. Physical Education 15 or 16 may be elected in the freshman or sophomore year or Biology 11 may be offered as a substitute. Sophomores: Physical Education 35-36 is required of all students, but permission may be granted to substitute equivalent hours from Physical Education 31-32, 37, 38, 41-42, 43, 44, 51-52 or work in varsity athletics.

Physical Education 15 or 16 is to be taken before the end of the sophomore year. One hour's credit will be given for a season's work in varsity athletics, i. e. football, basketball, track, baseball, and tennis, provided students enroll for Physical Education 35 or 36.

GRADUATION: All students are required to present six hours of credit in physical education for graduation, which must include Physical Education 15 or 16 or Biology 11.

Not more than a total of four hours credit toward graduation will be allowed from courses 11-12, 35-36 and varsity athletics.

All students will be required to pass a swimming achievement test prior to graduation. Students who are physically unfit as certified by the college physician may petition to be allowed to substitute hours in other courses in lieu of activity courses in physical education. Students who are not candidates for a degree may be exempt from the requirement of physical education. Any petition for exemption from physical education should be addressed to the committee on Admissions and Classifications.

11-12 FRESHMAN PHYSICAL EDUCATION. The techniques and rules of a wide variety of team sports. An activity course. Three periods per week. Required of all freshmen. No tuition charge for this course. One hour.

15 or 16 PERSONAL HYGIENE. Fundamental knowledge of personal hygiene and how the health of the individual may be conserved. No tuition charge for this course. Two hours.

Note: Students who have successfully passed Biology 11, or who have shown by a comprehensive test that they possess a satisfactory knowledge of health rules and practices, may be permitted to substitute two hours of academic work for this requirement.

31-32 TAP AND CHARACTER DANCING. Elementary tap steps and combinations working up to finished routines and dances. An activity course. Two periods per week. One hour.

34 OUR OUTDOORS. (Biology 34.) Field study of man's natural environment from the standpoint of geology and biology. Estimated cost of the course to the student exclusive of tuition, including field trips, food and incidentals: \$5.00 to \$8.00. Enrollment limited to fifteen. Not open to freshmen. One hour.

35-36 SOPHOMORE PHYSICAL EDUCATION. Individual sports; planned for sophomores who desire to elect a general recreation course. An activity course. Three periods per week. No tuition charge for this course. One hour.

37 ELEMENTARY SWIMMING. Instruction for beginners in buoyancy and floating. Preliminary tests for swimming and such strokes as elementary back, side, and crawl. An activity course. Three periods per week. One hour.

38 ADVANCED SWIMMING. Correct form of the more advanced strokes as the trudgen, American crawl, racing back and breast, diving and lifesaving. An activity course. Three periods per week. Prerequisite, Physical Education 37 or equivalent. One hour.

41-42 FOLK DANCING. Folk dancing from many countries. English and American country dances studied during the first semester and European folk dances during the second semester. An activity course. Two periods per week. One hour.

43 TUMBLING AND STUNTS. Begins with individual stunts and advances to more intricate work. An activity course. Two periods per week. One hour.

44 GYMNASTICS AND APPARATUS. Various gymnastic systems and practice in apparatus. An activity course. Two periods per week. One hour.

46 COMMUNITY HYGIENE. Health matters pertaining to the social group; communicable diseases, vital statistics; legal and social regulations relating to personal and community health. Two hours. Not offered in 1950-1951.

47-48 THEORY AND PRACTICE OF TEAM SPORTS. Intensive practice with opportunity for officiation in team sports for men and women. Two hours.

50 SOCIAL DANCING. Instruction in the modern social dance steps. Two periods per week. One hour.

51-52 MODERN DANCING. Contemporary dancing, emphasizing the use of the fundamental expressive movements in creative work. An activity course. Two periods per week. One hour.

53 COACHING FOOTBALL. Fundamentals, offensive and defensive styles of play, rules of the game and officiating. Two hours.

54 COACHING BASKETBALL. Fundamentals, offensive and defensive styles of play, rules, officiating and the place of basketball in the intramural program. Two hours. Alternates with Physical Education 56. Not offered in 1950-1951.

56 BASEBALL, TRACK AND FIELD. Strategy and fundamentals of baseball, track and field. Alternates with Physical Education 54. Two hours.

57 COMMUNITY RECREATION. The philosophy of American recreation and community organization for leisure time activities. Three hours.

58. RECREATION LEADERSHIP. Recreational activities; practice in the administration of games, playground activities and handicrafts. Three hours.

59 PREVENTION AND CARE OF INJURIES. Common hazards of play and athletics; preventative measures and treatment of injuries. Red Cross First Aid Certificate may be earned by those who pass the examination. Two hours. Not offered in 1950-1951.

61 INTRAMURAL SPORTS. Organization, administration and objectives of the intramural program of athletics. Two hours. Not offered in 1950-1951.

62 TESTS AND MEASUREMENTS IN PHYSICAL EDUCATION. Methods used in evaluating outcomes of the physical education program. Three hours. Not offered in 1950-1951.

67 PHYSIOLOGY. (Biology 67.) Structure and functions of the human body; the mechanism of bodily movements, responses, reactions and various physiological states. Prerequisites, Biology 11-12 and 35 or 36. Three hours. Not offered in 1950-1951.

70 KINESIOLOGY. Fundamental body movements and their relation to body development and efficiency. Prerequisite, Biology 36 and 67 or 68. Alternates with Physical Education 72. Three hours.

71 THE TEACHING OF HEALTH. Methods and subject matter used in teaching hygiene to students. Three hours.

72 CORRECTIVE GYMNASTICS AND NORMAL DIAGNOSIS. Variations of the normal types of the human organism at different age levels; therapeutic measures, especially those which refer to the correction of mechanical defects. Prerequisite, Biology 36 and 67 or 68. Three hours. Alternates with Physical Education 72. Not offered in 1950-1951.

74 ORGANIZATION AND ADMINISTRATION OF PHYSICAL EDUCATION. Administrative relationships and procedures in the conduct of physical education. Three hours.

75-76 THEORY AND PRACTICE OF INDIVIDUAL SPORTS. Intensive practice in badminton, handball, archery, tennis, golf and life-saving with a study of the rules of each and of methods used in teaching. Two hours.

77 HISTORY OF PHYSICAL EDUCATION. Development of physical education from ancient time to the present. Two hours.

78 PRINCIPLES OF PHYSICAL EDUCATION. Principles basic to a program of physical education in the modern educational system. Three hours.

79 PHYSIOLOGY OF EXERCISE. Physiological reactions resulting from physical activity. Prerequisite, Physical Education 67 or 68. Two hours.

83 SEMINAR IN PHYSICAL EDUCATION. A survey of the field of health and physical education and the current literature relating to investigations in the field. Prerequisites, Physical Education 67 or 68 and 78. Open only to upper division students. Required of all physical education majors. One hour.

85 METHODS AND MATERIALS IN TEACHING HEALTH AND PHYSICAL EDUCATION. Methods, materials and techniques pertinent to the teaching of health and physical education. Prerequisites, Physical Education 15 or 16, 46 and 67 or 68. Three hours.

87-88 INDEPENDENT STUDY IN PHYSICAL EDUCATION. Designed for those students who desire to do independent study in some special field. The field of study may be selected by the student, subject to the approval of the Head of the Department, according to interest and future needs. One to three hours.

91-92 HONORS COURSE. For advanced students of superior ability in physical education who can undertake special problems for study or who are prepared to develop and project a program. One to three hours.

PHYSICAL SCIENCE

11-12 PHYSICAL SCIENCE. A survey of the fields of astronomy, geology, physics and chemistry for students not planning to major in science. Three hours.

PHYSICS

J. S. V. ALLEN, *Head of the Department*

AIMS: To introduce the field of physics to the general student; to teach the fundamentals of the science of physics to students who are training themselves for such professions as medicine, optometry, engineering and the teaching of physics; and to familiarize students expecting to enter graduate school with some of the more advanced subjects in physics.

REQUIREMENT FOR MAJOR: A minimum of twenty-four hours in physics is required. Students interested in science and engineering should elect Physics 52. Physics 91-92 and a reading knowledge of German and French are recommended for students expecting to do graduate work. A minor in mathematics or chemistry is strongly recommended.

REQUIREMENT FOR MINOR: A minimum of eighteen hours in physics including six hours in upper division work. Mathematics 11-12 and Mathematics 31-32 should be elected.

21 ELEMENTS OF RADIO. Radio theory and practice; construction of oscillators, amplifiers and receivers. Three hours. Offered in alternate years. Not offered in 1950-1951.

31-32 GENERAL PHYSICS. First semester: mechanics, heat and sound. Second semester: magnetism, electricity and light. A continuous course. A fundamental course which is a prerequisite to all advanced physics courses. Prerequisite, Mathematics 11 or its equivalent. Four hours.

35 BASIC ELECTRONICS. A fundamental course in electronics, including such topics as electron emission, rectifiers, multi-electrode vacuum tubes, photoelectric devices, the cathode-ray oscillograph, thyratons, ignitrons and industrial controls. Three hours.

38 MODERN PHYSICS. The modern applications of physics; spectroscopy, radiation, wave mechanics, electronics and nuclear physics; specific topics included are the electron microscope, radar, the cyclotron and atomic power. Prerequisite, Physics 31-32 or permission of the head of the department. Three hours. Offered in alternate years. Not offered in 1950-1951.

52 MECHANICS. A treatment of classical mechanics with application of principles and a brief consideration of wave mechanics. Prerequisite, Physics 31-32 and Mathematics 31-32. Three hours.

54 ADVANCED LIGHT AND PHYSICAL OPTICS. Theories of light, reflection, refraction, interference, diffraction, polarization, geometrical optics, optical instruments, vision and spectroscopy. Prerequisites, Physics 31-32 and Mathematics 31-32. Three hours. Alternates with Physics 52. Not offered in 1950-1951.

55-56 LABORATORY IN ADVANCED PHYSICS. Supplementary to any of the upper division physics courses. Registration with permission of the head of the department. One or two hours.

63 ELECTRICITY AND MAGNETISM. Electrostatics and magnetics, Maxwell's equations, electro-chemistry, circuit theory and electrical machinery; a consideration of the theoretical and practical applications of electricity and magnetism. Prerequisites, Physics 31-32 and Mathematics 31-32. Three hours.

66 ADVANCED RADIO. The theory of transmitters, receivers, propagation, antennas, radar and television. Prerequisite, Physics 31-32. Three hours.

67-68 SPECTROSCOPIC ANALYSIS. Use of the E-1 Hilger Spectrograph and auxiliary equipment for analytical work; original research and possible publication of the results. Registration with permission of the head of the department. One hour. Offered in alternate years. Not offered in 1950-1951.

69 HEAT. Temperature, colorimetry, expansion, conductivity, change of state and radiation; thermodynamics and kinetic theory. Prerequisites, Physics 31-32 and Mathematics 31-32. Three hours. Alternates with Physics 63. Not offered in 1950-1951.

85 or 86 METHODS AND MATERIALS IN TEACHING PHYSICS. Methods and practice in classroom presentation and laboratory supervision. Collateral reading and reports on the history of physical science. Required of all students expecting to teach physics. Two or three hours. Offered in alternate years. Not offered in 1950-1951.

87-88 INDEPENDENT STUDY IN PHYSICS. Designed for those students who desire to do independent study in some special field. The field of study may be selected by the student, subject to the approval of the Head of the Department, according to interest and future needs. One to three hours.

91-92 HONORS COURSE. Readings, experiments and investigations in radioactivity, spectroscopy, radio and electronics, or in the field of the student's interest. Open only to upper division students of superior ability and accomplishment who are majoring or minoring in the department. One to three hours.

PSYCHOLOGY

ANDREW LEITCH, *Head of the Department*

AIMS: To acquaint the student with the facts and laws of behavior and mental life, especially in man, and with the experimental and scientific approach to problems in this field; to enable the student to develop a wholesome personality and to make adequate social adjustments; to give background preparation for professions which relate to individual and group behavior; to equip the student in an elementary way for practical work in mental measurements, personnel analysis and applied fields; and to lay a broad foundation for graduate work and professional study.

REQUIREMENT FOR MAJOR: A minimum of twenty-four semester hours in the department, which must include Psychology 31-32, 53, 61, 62, 75 and 83-84. A major should also include Psychology 71 and Biology 11.

REQUIREMENT FOR MINOR: At least eighteen hours in the department, which must include Psychology 31-32, 53, and 62.

31-32 GENERAL PSYCHOLOGY. A systematic study of the most important facts and laws of behavior and mental life with emphasis on their practical significance in the professions, business, industry and personal life. Laboratory demonstrations. A continuous course. Three hours.

53 or 54 EXPERIMENTAL PSYCHOLOGY. Typical psychological experiments in sensory, motor, intellectual and emotional processes. Prerequisite, Psychology 31-32. Three hours.

55 APPLIED PSYCHOLOGY. The application of psychological principles to problems in the fields of business, the professions and personal life. Prerequisite, Psychology 31-32. Three hours.

57 **PSYCHOLOGY OF PERSONALITY.** The phenomena of personality with special attention to the psychology of adjustment; basic human drives; factors affecting personality formation; adequate and inadequate personality adjustments; the development of a wholesome personality and mental hygiene. Prerequisite, Psychology 31-32. Three hours.

58 **ABNORMAL PSYCHOLOGY.** Mental deficiency, the neuroses, the psychoses (insanity) and abnormal traits in everyday life. Emphasis on causes, symptoms, prevention and treatment. Prerequisite, Psychology 31-32. Three hours.

59 or 60 **EDUCATIONAL PSYCHOLOGY.** The nature and laws of learning; original nature as conditioning learning; the amount, rate, limit and permanence of improvement; factors and conditions affecting learning; transfer of training; mental fatigue; individual differences; efficient methods of study. Prerequisite, Psychology 31 or preferably 31-32. Three hours.

62 **MEASUREMENT OF INTELLIGENCE.** The more important techniques for the measurement of intelligence; historical background, validation and use of intelligence tests in education and in out-of-school agencies. Laboratory work with individual and group tests. Prerequisite, Psychology 31-32 or Psychology 31 and Psychology 59 or 60. Three hours.

64 **APTITUDE AND PERSONALITY TESTING.** The techniques for measuring primary mental abilities, special aptitudes and skills, interests, attitudes and personality; critical evaluation and some attention to utilization. A laboratory course. Prerequisite, Psychology 31-32. Three hours. Not offered in 1950-1951.

66 **CHILD AND ADOLESCENT PSYCHOLOGY.** The physical, intellectual, emotional, social, moral, and religious development of the individual in infancy, childhood and adolescence, with special attention to the more serious mental problems of children and adolescents. Prerequisite, Psychology 31-32 or Psychology 31 and Psychology 59 or 60. Three hours.

68 **CLINICAL METHODS.** Methods and procedures for work in clinical psychology; integration of case histories; cumulative records; psychometric techniques, etc., in diagnosis and treatment. Prerequisites, Psychology 31-32, 58, 62 or 64. Three hours.

69 **SOCIAL PSYCHOLOGY.** The behavior of the individual in social psychological relationships with special attention to the significance of motives and attitudes; problems related to adequate and inadequate social adjustments. Prerequisite, Psychology 31-32. Three hours.

71 **STATISTICAL METHODS.** Introduction to statistical concepts and techniques commonly used in psychological, sociological and educational research. Measures of central tendency, variability, reliability, psychological scaling techniques and correlation. Emphasis on interpretation and utility of various concepts. Not open to students who have taken Economics 47 or 48. Three hours. Not offered in 1950-1951.

74 PERSONNEL AND INDUSTRIAL PSYCHOLOGY. Psychological methods applied to problems in the industrial world; personnel selection and classification, accidents, fatigue and productivity, training, morale, attitude research. Prerequisite, Psychology 31-32 and preferably Psychology 62 and Psychology 71. Three hours. Not offered in 1950-1951.

75 CONTEMPORARY SCHOOLS OF PSYCHOLOGY. Historical development and evaluation of some of the more important trends and schools of contemporary psychology such as the structural and functional schools, behaviorism, psychoanalysis, Gestalt, etc. Open only to upper division students who have had Psychology 31-32 and preferably 53 and 62. Three hours.

83-84 SEMINAR IN PSYCHOLOGY. A survey of the fields of psychological investigations and the current literature relating to investigations in these fields. Open only to seniors majoring or minoring in Psychology. Required of all psychology majors. One hour.

87-88 INDEPENDENT STUDY IN PSYCHOLOGY. Designed for those students who desire to do independent study in some special field. The field of study may be selected by the student, subject to the approval of the Head of the Department, according to interest and future needs. One to three hours.

91-92 HONORS COURSE. Independent research and reading in Psychology. Open only to superior students majoring in the department. One to three hours.

RELIGION

OSBORNE BOOTH, *Head of the Department*

AIMS: To provide a focus of religious meanings for guidance of life and the integration of knowledge; to prepare students planning to enter the various branches of the Christian Ministry for graduate study in professional schools of religion; and to give enough professional training to enable a graduate of the college to enter immediately into Christian service as a minister or religious educator, until such time as he may be able to continue in graduate study.

REQUIREMENT FOR MAJOR: Twenty-four hours, of which eighteen hours shall be in upper division courses. For pre-ministerial students this must include Old Testament 33-34 and New Testament 31-32.

REQUIREMENT FOR MINOR: Eighteen hours, of which twelve hours must be in the upper division.

REQUIREMENT FOR GRADUATION: Six hours of work in the English Bible are required of all students qualifying for graduation. The following courses may be taken without prerequisites to satisfy this requirement: In the freshman or sophomore year Old Testament 11 or 12 and New Testament 13 or 14; in the junior or senior year Old Testament 33-34, 55-56 or 71-72, or New Testament 31-32.

OLD TESTAMENT

11 INTRODUCTORY OLD TESTAMENT. The history, literature and religion of the Hebrew people planned for the general student in the lower

division only. Ministerial students will take Old Testament 33-34 instead of this course. Credit will not be given for both this course and Old Testament 33-34. Three hours.

12 INTRODUCTORY OLD TESTAMENT. The same course as Old Testament 11, given in the second semester. Three hours.

33-34 OLD TESTAMENT HISTORY. The political and religious development of the Hebrew people to the time of the Maccabees. Required of all pre-ministerial students. Three hours.

55-56 THE PROPHETS. The origin and development of prophecy among the Hebrews with special attention to social and political backgrounds. Three hours. Not offered in 1950-1951.

57-58 COMPARATIVE RELIGION. A comparison of the most important features of the great religions of antiquity, including religions of primitives, Egypt, Babylonia, Assyria, Persia, Greece, Rome, Judaism and Christianity. This course does not satisfy the general requirements of six hours in the English Bible. Three hours. Alternates with N. T. 65-66. Not offered in 1950-1951.

71-72 THE BIBLE AS LITERATURE. Origin, development and literary values of the various types of literature of the Bible. Three hours.

NEW TESTAMENT

13 INTRODUCTORY NEW TESTAMENT. Study of the life and teachings of Jesus, the origin of the Christian church and the life of Paul; planned for the general student in the lower division only. Ministerial students will take New Testament 31-32 instead of this course. Credit will not be given for both this course and New Testament 31-32. Three hours.

14 INTRODUCTORY NEW TESTAMENT. The same course as New Testament 13; given in second semester. Three hours.

31-32 NEW TESTAMENT SURVEY. A survey of all books of the New Testament. The first semester will be devoted to the Four Gospels. Required of all pre-ministerial students. Three hours.

65 THE TEACHINGS OF JESUS. The teachings of Jesus in relation to the movements of His time and to the Jewish and Greek backgrounds. Three hours.

66 THE TEACHINGS OF PAUL. The fundamental doctrines of the Epistles of Paul in the New Testament. Three hours.

67 THE JEWISH BACKGROUND OF THE NEW TESTAMENT. Political developments in Palestine; religious ideas, institutions and movements of Judaism from 2,000 B. C. to 100 A. D. Three hours. Not offered in 1950-1951.

68 THE GREEK BACKGROUND OF THE NEW TESTAMENT. The social, religious, economic, political and philosophical movements of the Greek and Roman world as they came to bear upon early Christian history and thought. Three hours. Not offered in 1950-1951.

73-74 BIBLICAL DOCTRINE. The various doctrines of the New Testament in relation to later Christian thinking. Three hours. Alternates with Church History 51-52. Not offered in 1950-1951.

CHURCH HISTORY

51-52 HISTORY AND LITERATURE OF THE DISCIPLES. The rise and development of the Restoration Movement of the Disciples of Christ, including an evaluation of the literature produced. Three hours.

69 THE ANCIENT CHURCH. Church history from its beginnings to the time of Charlemagne. Three hours. Alternates with New Testament 65. Not offered in 1950-1951.

70 THE REFORMATION. A Church history from the time of Charlemagne to the close of the Reformation. Three hours. Alternates with New Testament 66. Not offered in 1950-1951.

APPLIED RELIGION

59-60 READING THE ENGLISH BIBLE. The oral interpretation of the English Bible. One hour.

61-62 THE THEORY OF PREACHING. The preparation and delivery of sermons. Three hours.

63-64 THE WORK OF THE PASTOR. The organization of the local church, financial methods, evangelism, worship and social program. Three hours. Alternates with Homiletics 61-62. Not offered in 1950-1951.

79 THE THEORY OF RELIGIOUS EDUCATION. The principles of religious education; factors involved in religious growth and development; the functions of family, church and state in religious education. Three hours.

80 THE EDUCATIONAL WORK OF THE CHURCH. The total educational program of the church, with special emphasis on the Church School. Three hours.

82 METHODS AND MATERIALS IN TEACHING RELIGIOUS EDUCATION. Week-day religious education: public school courses in religion and the vacation Church School. Three hours. Not offered in 1950-1951.

83-84 SEMINAR IN THE DEPARTMENT OF RELIGION. A seminar on the integration of the field of the comprehensive examination, conducted by various members of the department. Available only to students eligible to take the senior comprehensive examination within one year of the beginning of the course. One to three hours.

87-88 INDEPENDENT STUDY IN THE DEPARTMENT OF RELIGION. Designed for those students who desire to do independent study in some special field. The field of study may be selected by the student, subject to the approval of the Head of the Department, according to interest and future needs. One to three hours.

91-92 HONORS COURSE IN THE DEPARTMENT OF RELIGION. An investigation of special problems to be selected by the individual student on the basis of personal interest and faculty advice. Open only to superior students majoring in the department. One to three hours.

SOCIOLOGY

E. C. PAUSTIAN, *Head of the Department*

AIMS: To give students an understanding of human relationships, institutions and social processes; to familiarize them with the nature and causes of social problems; to give students deeper insight into the requirements of intelligent citizenship and useful participation in community life; to equip students with fundamental preparation for entering various kinds of social services; and to provide guidance for teaching sociology and for graduate or professional study.

REQUIREMENT FOR MAJOR: Twenty-four to thirty hours in the department with eighteen hours in the upper division. It is recommended that majors in sociology include in their course of study Psychology 58, 69 and 71, and Biology 43. Credit for each of these studies may be included toward the major in sociology. The sequence of courses is to be approved by the head of the department.

REQUIREMENT FOR MINOR: Eighteen hours in an approved sequence of courses. Twelve hours must be in upper division courses.

33 FUNDAMENTAL SOCIAL PROBLEMS. (History 33.) The recent background and development of the great social, economic and political forces of our own day. Includes the problems of war and peace, democracy and totalitarianism, capital and labor, and the welfare state. Three hours.

34 FUNDAMENTAL SOCIAL PROBLEMS. The impact of social change; the major lags leading to social breakdowns; unemployment, poverty, dependency and disease; various deficiencies and maladjustments; programs for social adjustment. Three hours.

41 PRINCIPLES OF SOCIOLOGY. The basic concepts and principles of sociology applied to modern society; social relations of the community; race and culture; social maladjustments; social processes, change and controls. Three hours.

42 FAMILY RELATIONSHIPS. The development of marriage and family social functions; contemporary problems and tendencies of the family of today. Prerequisite, Sociology 41. Three hours.

43 HEREDITY AND EUGENICS. (Biology 43.) Modern theories and laws of heredity and their relation to man. Two hours. Not offered in 1950-1951.

53 RURAL SOCIOLOGY. Consideration of the rural pattern of life; the institutions, culture and agencies functioning in the country and village life of today. Two hours. Offered in alternate years.

54 URBAN SOCIOLOGY. A study of the rise and growth of cities; the social organization and problems of the modern city; urban trends, structure and functions. Two hours. Offered in alternate years.

58 ABNORMAL PSYCHOLOGY. (Psychology 58.) Mental deficiency, the neuroses, the psychoses (insanity) and abnormal traits in everyday life. Emphasis on causes, symptoms, prevention and treatment. Prerequisite, Psychology 31-32. Three hours.

63 CRIMINOLOGY. The social processes by which individuals become criminals and delinquents; causative factors, techniques of control and the social treatment of crime. Prerequisite, Sociology 41. Three hours.

65 COMMUNITY ORGANIZATION. The social structure and function of the modern community; the social, economic, and political organization of urban and rural populations; economic and social resources available for social welfare. Two hours. Offered in alternate years.

67 CULTURAL ANTHROPOLOGY. Primitive people and their institutions in prehistoric and more recent times; the presentation of a cultural perspective. Prerequisite, Sociology 41. Two hours. Not offered in 1950-1951.

68 POPULATION PROBLEMS. Population theories and policies; qualitative aspects of the population problem with reference to eugenics, migration, and control of population. Prerequisite, Sociology 41. Two hours. Not offered in 1950-1951.

69 SOCIAL PSYCHOLOGY. (Psychology 69.) The behavior of the individual in social psychological relationships with special attention to the significance of motives and attitudes; problems related to adequate and inadequate social adjustments. Prerequisite, Psychology 31-32. Three hours.

73-74 SOCIAL THEORY. The various systems, classic and modern, for explaining the social behavior of individuals and groups; the nature of social control, chief social control devices, institutional pressures, and disruptive factors. A continuous course. Open to upper division students or by permission of the Head of the Department. Two hours.

76 INTRODUCTION TO PUBLIC WELFARE. An introduction to the field of public welfare. Historical backgrounds and developments. Local, state and federal services. Public welfare problems, programs, and standards in public assistance, child welfare and other divisions of the field. Two hours. Offered in alternate years.

77 INTRODUCTION TO SOCIAL WORK. The basic principles and methods of social case work and their application in the treatment of individuals, families and groups. Open to upper division students or by permission of the head of the department. Two hours. Not offered in 1950-1951.

78 SOCIAL RECONSTRUCTION MOVEMENTS. Present-day efforts to control, direct, or oppose selected social trends; the forces, leaders and methods employed. Two hours. Not offered in 1950-1951.

81 or 82 SOCIAL SERVICE PRACTICUM. Student training and experience, following a well planned program in some phase of social service such as on the staff of an approved social agency. Must be taken in summer or in semester when student is not in full-time residence. Open only to advanced students majoring in sociology, with permission of the Head of the Department. One to three hours.

83-84 SEMINAR IN SOCIOLOGY. Required of all major students in the department. This course has three purposes: to interpret the preceding work of the department; to offer instruction in the technique and methods of social research; and to give each student an opportunity to develop his particular interest in cooperation with the other members of the seminar group. One hour.

87-88 INDEPENDENT STUDY IN SOCIOLOGY. Designed for those students who desire to do independent study in some special field. The field of study may be selected by the student, subject to the approval of the Head of the Department, according to interest and future needs. One to three hours.

91-92 HONORS COURSE. Designed for superior students in the upper division who are majoring in Sociology and desire to do independent reading and study in some special phase of sociology. The field of study may be selected by the student, subject to the approval of the Head of the Department, and determined by the interest and future need of the student. One to three hours.

SPEECH AND DRAMATICS

For students electing a minor in Speech and Dramatics, at least eighteen hours in courses approved by the head of the department are required. English 31-32 must be included.

41 INTRODUCTION TO SPEECH. Introduction to the speech arts with emphasis on voice and diction, phonetics, voice science, speech organization and delivery. Three hours.

42 PUBLIC SPEAKING. Practical application of the principles of speech; study of speech construction; practice in formal and impromptu speaking; survey of the techniques of debate and discussion. Prerequisite, Speech 41 or permission of the instructor. Three hours.

51-52 ORAL INTERPRETATION. The techniques of oral reading. Consideration of stories, ballads, dramatic poetry and prose. Principles of analysis, empathy, attention, imagery and inflection. Prerequisite, Speech 41 or permission of the instructor. Three hours.

53 PLAY PRODUCTION. Designed to promote an understanding and appreciation of the theatre through the learning of techniques in acting and theatre crafts, costume, make-up, stage lighting, scenery design and construction. Students participate in the preparation of college dramatic productions. Three hours.

54 ACTING AND PANTOMIME. Acting techniques from the standpoint of both the director and the actor; stress placed upon interpretation of lines, make-up and costuming; survey of classic and modern plays with consideration of production problems. Students participate in the preparation of college productions. Three hours.

55 or 56 ARGUMENT AND DEBATE. The principles of logic and persuasion and the application of the psychology which underlies the use of planned argument with practice in the application of the theories developed. Prerequisite, Speech 41-42 or permission of the instructor. Three hours.

57 or 58 INTRODUCTION TO STAGE DIRECTION. Study and practice in the fundamentals of stage direction. Aesthetic distance, emphasis, tempo, balance, unity, stage business and interpretation of lines are considered. The class members direct short scenes. Three hours. Not offered in 1950-1951.

59 or 60. INTRODUCTION TO RADIO. Study and practice of broadcasting methods; microphone speaking, announcing, radio acting, script and continuity writing, program building and directing. Prerequisite, Speech 41. Three hours.

71 RADIO AND PLAY WRITING. (Journalism 71.) A study of modern plays and radio scripts and the actual writing of one-act plays or radio scripts as the student may elect. Three hours.

PART VIII

STUDENT CAMPUS LIFE

STUDENT CAMPUS LIFE

Generally recognized as one of the advantages of a small college is the rich campus life with many and varied undergraduate interests. Such a program is found at Bethany. It is an important part of the over-all education leading to a successful career. It grows naturally out of the friendly relationship between students and faculty and is largely based upon the desire of the students themselves.

Student Government

As a means of governing and directing student interest and student activities, the Student Board of Governors is elected by the student body as a legislative and executive body. Matters pertaining to athletics, student publications, social affairs and general student interests are given attention. The major part of the student activity fee is used by this board for the various student organizations. The board cooperates with the college administration in building an intelligent appreciation of social responsibility in college community life.

The Association of Women Students, of which every woman student is automatically a member upon her entrance into college, has as its main purpose the building of larger and wider life attitudes through giving the college woman a fuller opportunity for experience in leadership and for sharing with the college the responsibility for her conduct.

Religious Life

One of the expressed aims of the college is "To provide higher education in an atmosphere sympathetic to Christian ideals and Christian faith and to conserve and develop the moral character and religious life of its students." This aim is meant to bear upon instruction, counseling, and social life as well as formal religious services.

The Chapel Services on Tuesday of each week are designated as Religious Chapel. These services are held at eleven o'clock in Commencement Hall. Attendance is obligatory for all students. The Chapel Services are planned by a committee of faculty and students. The program consists of a brief devotional service and a short address on some vital religious matter by a visiting speaker or someone from the faculty or student body. Every effort is made to make these Chapel services non-sectarian. Representatives of the Protestant, Catholic and Jewish faiths are included in the visiting speakers. The devotional services make use of materials from the religious traditions of all three faiths.

For many years the students at Bethany College have found an expression for their religious faith in the Bethany Memorial Church. Students who are affiliated as Student Members at the church are organized into what is known as the Student Congregation. Any student who is a member of a church in his home community is eligible for membership in the Student Congregation. The program for students at the church is planned and carried out by the Student Church Board, a group of 24 students elected by the Student Congregation at its annual dinner each spring.

The program for students at the Bethany Church consists of a College Class for Bible study and discussion on religious themes, morning worship each Sunday morning, and special Sunday evening activities of varying types throughout the college year. The church choir is made up of students under the direction of the music department of the college.

The Student Christian Association is a campus organization of students of all faiths who band themselves together for a varied program of conferences, meetings, and study groups in the field of Christian faith, social responsibility, and international good-will. The Association is affiliated with the Student Christian Movement, and sends delegates to national student conferences. It also cooperates in the special religious activities that are conducted during the college year, such as CLEW, Lenten Vesper Services, and Pre-Easter Noon-Day Devotions.

Each year one week is designated as Christian Living Emphasis Week, more familiarly known as CLEW. Under the direction of a Campus Committee of students and some faculty members, CLEW brings to the campus four or five nationally known leaders of various faiths. Chapel services, class periods, residence halls, fraternities and sororities are thrown open to these leaders in an effort to convince each student of the importance of religion in life. Special "Bull Sessions," discussion groups, and personal conferences are also a part of the program. No other influence in the college is stronger than these CLEW meetings.

Each year, just before the Easter vacation, a student committee of representatives from the Student Congregation of the Bethany Church and the Student Christian Association plans noon-day devotional services. Music, art, devotional material, and drama are used to provide a deeply personal experience of worship. These services have evoked a great deal of interest at Bethany for a number of years.

Six hours of Bible are required for all students qualifying for graduation. These may be chosen in the field of Old or New Testament. Most of the students take one semester of Old Testament and one semester of New Testament. This study is intended to be a sympathetic and constructive approach to the study of the Bible, which has been a recognized textbook at Bethany College since its founding.

Students who are preparing for a life work in the Christian Ministry or missionary service or religious education are invited to become members of the Ministerial Association. Meetings are held throughout the college year in which matters relating to the field of Christian service and the church are discussed. This pre-professional organization has provided a stimulating experience for the students who have shared in its program.

Students who are members of the Protestant Episcopal Church have banded themselves together for fellowship and worship into a group known as the Canterbury Club. This group maintains a vital interest and support in relation to the Bethany Church.

The minister of the Bethany Memorial Church, who also serves as college chaplain, is available for religious counseling to students.

Deportment

It is expected that students will be governed by high personal ideals and good taste, without the existence of minute and specific rules.

The men and women of the college live under conditions intended to provide a pleasant and wholesome social life and a reasonable amount of social recreation is encouraged. Such diversion, however, may be restricted to limits considered favorable to the welfare of the students.

Bethany College has always been opposed to the use of intoxicating liquors. This policy should be understood and accepted by every matriculant. If a student should disregard this provision, he will be subject to discipline by the faculty.

In the administration of regulations and policies, the college officers will be guided in the treatment of the individual cases somewhat by the general attitude of the student toward the college, i.e., whether or not he has proved himself a creditable member of the college community, as shown by regularity in attendance, promptness in the fulfillment of his obligations, earnestness in his endeavors to profit by the college opportunities, and in consideration of high standards in social and moral conduct.

The whole record of each student will be looked into at the end of each semester with reference to his conduct in the community as well as his academic attainments. If the student's conduct has been unsatisfactory and is likely to remain so, the administration will consider whether the student is justifying his candidacy for a college degree. Students who do not show promise of accomplishment will not be allowed to continue. *It is expected that a student who earns credits at Bethany College must satisfy the faculty as to uprightness of character as well as accomplishments in scholarship.*

Automobiles

There is no need for students to maintain automobiles in Bethany. The maintenance of an automobile or motorcycle in Bethany or vicinity without the permission of the college faculty is positively forbidden.

Changes in Regulations

The college administration reserves the right to amend the regulations covering the granting of degrees, the courses of study and the conduct of students. Membership in Bethany College and the receiving of a degree are privileges, not rights. *The college reserves the right, and the student concedes to the college the right, to require the withdrawal of any student at any time without explanation.*

Class Honors

Students who have done college work of unusual merit and have given evidence of superior academic achievement in the upper division will be graduated with honors. These are awarded with the degree of Summa Cum Laude, Magna Cum Laude and Cum Laude. The awarding of honors is determined upon the basis of total quality points earned, standing in the comprehensive examination, and the recommendation of the professor in charge of the student's major department.

At the end of each semester a list of students who have ranked high in academic attainments as attested by scholarship index are designated for the Dean's list. This distinction is determined by the Dean of the Faculty and the Dean of Students.

Upper division students of the college who complete the academic work of any one year with a scholarship index of 3.5 are recognized for "First Honors" for the year, and those who complete the academic work for any one year with a scholarship index of 3.25 are recognized for "Second Honors" for the year. Lower division students of the college

who complete the academic work of any one year with a scholarship index of 3.25 are recognized for "First Honors" for the year, and those who complete the academic work of any one year with a point average of 3.0 are recognized for "Second Honors" for the year.

Certain members of the junior class are designated as Senior Fellows for the following year. The selection is made only of students who have attained unusual excellence in their major study and who, by character and ability, can do special work in a major department as an assistant in instruction or research. The Senior Fellowship carries a small stipend. No more than six senior fellowships are awarded in any one year. The selection of Senior Fellows is made by the Committee on Honors from the nominations of the department heads.

Honorary Organizations and Awards

Gamma Sigma Kappa is the honorary scholastic fraternity founded at Bethany College in 1932. Students maintaining a scholarship index of 3.25 for four consecutive semesters, provided that in no semester their scholarship index falls below an average of 3.0, are, upon recommendation by the faculty committee on Honors, eligible for membership.

Bethany Kalon is an honor society established to give recognition to leadership in student activities. To be considered for membership in this society, a student must have completed four semesters of college work, must have attained a satisfactory scholarship index and must have demonstrated competence in leadership in college activities, constructive citizenship in the college community and high standards of personal character. Selection of members is made by the members of the society from students nominated by a Faculty Committee.

An award to the outstanding young woman in the junior class is provided by the *Pittsburgh Bethany College Club*, comprising the college alumnae of Pittsburgh. This award is based on qualities of leadership, character, conduct, and scholarship. The club has placed a suitable plaque in Phillips Hall on which the names of the winners are engraved. In addition, an individual gift is made each year to the person designated.

The *W. F. Kennedy Prize* is given each year to the outstanding young man in the junior class. This award, established by Mr. W. F. Kennedy of Wheeling, West Virginia, is awarded on the basis of his contribution to the college community life through leadership in activities, personal character and scholarship.

The *Florence M. Hoagland Award*, established by the Class of 1947 in memory of Miss Florence M. Hoagland, is presented each year to the outstanding senior man.

The *Oreon E. Scott Award* is made each year at the annual Commencement to the graduating senior who has achieved the highest academic record over the four-year period. The donor of this award is a Bethany graduate of the Class of 1892.

Scholarship among women's social groups is stimulated by the *Anna Ruth Bourne Award*. This is a silver cup, provided by an anonymous donor, awarded to the women's social group earning the highest scholarship standing each semester. The group winning the cup for four consecutive semesters is presented with a smaller replica as a permanent trophy.

The *West Virginia Delta Chapter of Pi Gamma Mu*, honorary social studies fraternity, is located at Bethany. Students maintaining a high scholarship index in twenty semester hours of social studies are eligible for membership.

Alpha Phi Chapter of Beta Beta Beta is on the campus of Bethany College with the purpose to form an honorary society for students of the biological sciences and thereby to stimulate sound scholarship, to promote the dissemination of scientific truth, and to encourage investigation in the life sciences.

Library Facilities and Regulations

The college library, containing approximately 48,000 volumes of carefully selected books and periodicals, occupies a central place in the Bethany life of every student. Supplementary services include microfilm files and readers, linguaphone recordings, recordings for work in speech and literature, a circulating art collection, and a music library of recorded albums of symphonies, concertos and operas.

The library receives approximately 350 periodicals, covering subject fields offered by the college, and including fifteen metropolitan dailies and several foreign language papers.

Through a program instituted by the Carnegie Library of Pittsburgh, Carnegie Institute of Technology, and the University of Pittsburgh, all the facilities of these libraries and twelve cooperating colleges in Western Pennsylvania are available.

Several personal libraries and collections have been received by the college and have been made a part of the college library. The principal

parts of the libraries of Alexander Campbell, Robert Richardson, Miss A. C. Pendleton, Archibald McLean, W. S. Priest, Levi Marshall, Miss Mary I. Nichols, R. H. Wynne, Cloyd Goodnight, M. M. Cochran, Anna Ruth Bourne, Clarence A. Hanna, Florence M. Hoagland, and E. Lee Perry are among these.

A valuable library of early literature of the Disciples of Christ has come from Samuel Lindsay, Buffalo, New York; from Rev. W. S. Good of Youngstown, Ohio; from Miss Ellen Thomas of Augusta, Georgia; from Rev. Ben S. Ferral of Buffalo, New York, and others. All of the material related to the Disciples of Christ, together with papers and publications of historical importance to Bethany College, have been gathered together in the Alexander Campbell Room located on the third floor of the library.

Music

Students with talents in music find adequate opportunities for participation in various musical activities.

The college choir sings each Sunday morning at the Bethany Memorial Church and gives special programs, in and away from Bethany, including oratorio, cantata and miscellaneous works. Membership is open to all students accepted by the director.

For those students who have a proficiency on orchestral instruments the college orchestra gives ample scope for the exercise of talents. Membership is gained by satisfactorily passing an examination given by the director. Several concerts are given during the year and music is furnished for some of the dramatic performances. An opportunity is also given to students wishing to perform with the Wheeling Symphony Orchestra.

All students who show by examination a sufficient mastery of their instrument for the type of music to be played are invited to play in the college band. This group performs both on and off the campus.

The girls chorus provides an opportunity for the study of choral works and other music with a view to promoting the higher musical interests of the students and for concerts before the general public.

The male chorus promotes the interest in the student body in indigenous college songs and also cultivates a taste for choral music in its higher aspects. Outside appearances are also included in the chorus activities.

Dramatics

The program in theatre arts functions through two clubs: The Theatre Guild of open membership; and a chapter of the national dramatic fraternity, Alpha Psi Omega, in which students may become members by meeting the national requirements.

The Theatre Workshop provides the facilities and opportunities for student casting, directing and producing.

Departmental clubs at times present plays and the college choir often collaborates in joint production with the Theatre Guild.

As an adjunct to theatre facilities there has been developed on campus a large amphitheatre used as a Vesper Spot as well as for religious pageants and outdoor stage productions. The Christian Churches of West Virginia and Pennsylvania have been especially active in promoting the development of this facility.

Athletics and Recreation

Intercollegiate sports at Bethany College include football, basketball, baseball, track, tennis, cross country, and swimming. Membership is held in the West Virginia State Intercollegiate Conference and in addition, games and meets are regularly scheduled with colleges in neighboring states.

Healthful athletic recreation is provided for the entire student body by a very complete intramural program which includes a complete schedule of team sports. This program is supervised by the Director of Intramural Athletics, a member of the staff in the Department of Physical Education.

The Women's Athletic Association encourages the participation of all women in a physical education and recreation program. Facilities are provided for basketball, volley ball, tennis, hockey, speedball, swimming, and archery. This organization sponsors each year an invitational Play Day for students of area high schools and in addition, is host to delegations from tri-state colleges several times during the college year.

All athletics and physical recreation are under the supervision of the Athletic Board of Control, which is made up of the faculty committee on athletics, and four members of the student body selected by the Student Board of Governors.

Publications

Student journalistic ventures consist of a weekly newspaper, the *Bethany Tower*, and the college annual, the *Bethanian*. These publi-

cations are controlled by the Student Board of Publications, which in turn reports to the Student Board of Governors.

Pi Delta Epsilon, National Journalism Fraternity, is active on the campus with the prime purpose of perpetuating efficient student publications and working for the advancement of journalism in extra-curricular life. The managerial personnel for the student publications is usually found in Pi Delta Epsilon.

Fraternities

National social fraternities and sororities have active chapters at Bethany College.

The fraternities for men are: Beta Theta Pi, Sigma Nu, Phi Kappa Tau, Kappa Alpha, and Alpha Sigma Phi. The sororities for women are: Alpha Xi Delta, Zeta Tau Alpha, Kappa Delta, and Phi Mu.

The Inter-Fraternity Council, composed of representatives from each of the fraternity chapters, acts as the coordinating agency in fraternity affairs and activities. The Pan-Hellenic Board directs the activities and rushing season for the sorority chapters.

Students shall not be initiated into any fraternity or sorority until they have satisfied the entrance requirements of the college, have fifteen hours of resident collegiate work credited on the college books and have a scholarship index of 2.00. Freshmen are eligible for pledging to a fraternity after they have been in residence for one-half of a semester. By action of the Pan-Hellenic Board, a scholarship index of 2.00 is required for pledging any sorority. There is no established requirement for pledging a fraternity.

Student Health Service

Facilities are provided by the general student fee to protect the general health of Bethany students.

Each student is expected to report to the college dispensary in case of illness of any kind. The head of residence in any college facility should be advised at once by the student. In the case of contagious or infectious disease, students will be expected to give absolute observance to any regulations which may be prescribed by the college officers or the county health officials.

The college physician is at the dispensary each day for consultation, examination, and treatment. Students are urged to report all injuries, diseases or untoward symptoms, no matter how trivial they may seem.

No extensive medical or surgical procedures are carried out at the dispensary, but all minor ailments will be cared for, and some medicines will be supplied.

Arrangements can be made for vaccinations, cold serums and special treatments at the college dispensary. The college physician is available for consultation and professional service without charge only at the dispensary. Students may not call to request nursing services outside the dispensary.

Students are free to employ either the college physician or a physician of their own choice in any case of illness. Well-trained physicians are available in Wellsburg and Wheeling.

The college infirmary, in charge of the college nurse and her assistants, is open while college is in session. It includes the doctor's office, treatment room, medicine room, and small wards for men and women.

In case of need each student is entitled to three days per semester of care in the infirmary with no additional charge. For periods in excess of this time, a charge of \$2.00 per day is made. Students not boarding in college dining halls will be charged \$2.00 per day for board during the period of hospitalization beginning with the first day of confinement.

Residence

No student will be permitted to reside or board in any place which has not been listed as approved. Fraternity and sorority houses, private dwellings and dormitory rooms where students are living, must at all times be open for inspection and appraisal as to influences and conditions relating to morals, health and social culture.

The women of the college live in Phillips Hall, Gateway Hall and in sorority houses. Each is presided over by a house hostess or a faculty resident. The Associate Dean of Students is in charge of the general supervision of the college women, with the direct responsibility for regulation of social life, residence and social privileges, out of town privileges, etc.

Clubs and Associations

Several active clubs and societies are sponsored by various departments in the college. The nature of the French Club, Sociology Club, Chemistry Club, German Club, Spanish Club, Economics Club, International Relations Club, Psychology Club and Radio Club is explained by their titles. Papers dealing with appropriate topics are presented by stu-

dents, faculty members and out-of-town speakers. Within the radio club is to be found most of the personnel employed in the operation of the campus radio station WWBN.

Young men and women of the student body who are preparing for full time Christian Service are eligible for membership in the Ministerial Association. Fortnightly meetings are held, in which problems relating to the ministry and the churches are discussed.

The H. T. McKinney Chapter of the Future Teachers of America was chartered at the college in the fall of 1942.

A chapter of Student Affiliates of the American Chemical Society was founded at Bethany in 1948.

PART IX
THE STUDENTS

HONORARY DEGREES CONFERRED

On June 5, 1949

DOCTOR OF DIVINITY

Reverend Hugh Dwight Darsie, Brooklyn, New York

Reverend Albert H. Wilson, Beckley, West Virginia

DOCTOR OF LAW

Mr. Winfred Ernest Garrison, Chicago, Illinois

Mr. Forrest H. Kirkpatrick, Bethany, West Virginia

Mr. Oreon E. Scott, St. Louis, Missouri

Mr. William H. Vodrey, East Liverpool, Ohio

DEGREES CONFERRED IN COURSE CLASS OF 1949

On June 5, 1949

BACHELOR OF ARTS

Magna Cum Laude

William Jess Nottingham

Cum Laude

Alice Jean Bush

Edwin Campbell Churchman

Evelyn Patricia Clark

Carol Joan Drake

Guyer Gordon Guist

Daniel W. Heatherington

John Stewart Hoagland

Rite

Harry Robert Afflerbach

Helen Canfield Avery

Laura Jeanne Ayers

Mary Theresa Rose Barnwell

Albert Kenneth Barth

George C. Bartram

Donald Robert Beard

Beatricia Bierau

Barbara Deane Boettcher

Robert Stephen Boyd

Claire Marie Brewer

William O. Brown

William L. Burton

Robert Edgar Butz

Jack Casey

Austin Brooks Coe

James Lee Collins

Helen Louise Dewey

Howard T. Dimmit

Paul W. Eagen

Frances Virginia Edmonds

Esther Hall Esaias

Richard E. Fair

Florence Mary Fallon

Donald R. Fannin

William Ferris

Norma Helene Fink

Ruth Ellen Flemming

James Stephen Gallas

Donald Alan Golbey

Carolyn Jane Goodspeed

Lois Elaine Green

Flora Karolyn Grizzell

Carolyn Barbara Hall

William Carroll Handlan

Andrew E. Hare

Betty Jane Hile

Barbara Lowe Hixson

George Maxwell Hoak, Jr.

Lydia Marie Hueston

Rose Marie Imburgia

Edward Jackfert

Arthur Fitzmaurice Jagoe, Jr.

Robert C. Kaiser

Betty Ann Kehn

Jane Keith

Robert Emerson Kleesattel

Dorothy Kosovec

Robert Musser Krebs

Kenneth Franklin Lawrence

Robert Michael Levine

Doris Catherine Ludewig

Cres Mandakas

Eleftheria Mandakas

Floyd Victor McAnallen

Charles Howard McCloy, Sr.

Evelyn Calvarese McKenna

Mildred Mavis Meixell

Roderick Inman Mitchell
 June Willidee Morris
 Carolyn Ruth Moyers
 Joseph Herzl Newman
 Donald O. Nixon
 Don Wilbur Norton
 Mary Alice Phillips
 Henry Pietrzniak
 George Edmund Pohle
 Margaret Jean Poole
 Dorothy Marcia Pushkarow
 Margaret Ethel Quillen
 Donn Calvin Ramsdell
 Renee Richards
 Virginia A. Rithner
 Charles Wells Rodefer, III
 Aimee Helen Ross
 Barbara Jean Sel

Fred H. Siegel
 Shirley Ann Smith
 Lucille Florence Solkiewicz
 Harry Fred Staffileno
 Thomas Stribling Stimmel
 Charles Donovan Taylor
 Richard Lee Turley
 Margaret M. Wallace
 Jerome Mortimer Warshaw
 Betty-Jane Wester
 Kathryn Palmer White
 Nicholas Winowich
 James N. Winski
 Harry O. Wolfe, Jr.
 Cicely Alice Worthington
 Joyce Parker Yaney
 Nancy Dean Yochem

BACHELOR OF SCIENCE

Summa Cum Laude

Kenneth Barclay Armitage
 Francis E. Brown, Jr.
 Allan H. Hamerschlag

Alice Eugenia Orthey
 Edward Stewart Redgate
 Jordan Jess Sklar

Magna Cum Laude

Mary Ruth Stear
 Marvin Bernard Zuckerman

Cum Laude

Harold Eugene Ruck
 Gladys Schlanger

Rite

James Bell Clemens
 Leslie Parker Cole
 William H. Corba
 David S. Cumming, Jr.
 Samuel Leroy Engel
 Alonzo Farmer
 D. Robert Ferguson, III
 Robert James Fithian
 Karl Edward Grizzell
 Willard J. Jones

Donald Leo Mulgrew
 Warren Mulsten
 William Earle Orr
 Ralph Donald Perrin
 Clifford Everett Petersen
 Gerald Seltzer
 Stanley Alan Steckler
 Jack Gifford Watkins
 James Stanley Williams
 Nancy Elizabeth Woolery

ROSTER OF STUDENTS

SUMMER SESSION

1949

SENIORS

Avery, Charles	19 Westover Avenue, Caldwell, N. J.
Carroll, Betty L.	105 Petroleum Avenue, Claysville, Pa.
Carter, Reed	696 Beech Street, Washington, Pa.
Davis, Robert H.	1 Simpson Avenue, Elm Grove, Wheeling, W. Va.
Foster, Russell D.	Box 106, Cardale, Pa.
Gwennap, Jack R.	7 Pleasant View Avenue, Mozart Hill, Wheeling, W. Va.
Hervey, William J., Jr.	1914 Marianna Street, Wellsburg, W. Va.
Janssen, Richard	111 Yale Street, Williston Park, N. Y.
Ruksha, Paul W.	254 S. 4th Street, Steubenville, Ohio

JUNIORS

Antila, Eric	3836 Marlamont Street, Cove Station, W. Va.
Antila, Jack	3836 Marlamont Street, Cove Station, W. Va.
Bates, Jack H.	118 5th Street, Ridgefield Park, N. J.
Coble, Robert L.	324 W. Main Street, Uniontown, Pa.
Crane, Donald F.	West Liberty, W. Va.
Dexheimer, Elwood J.	177 Ellery Avenue, Newark, N. J.
Dodder, G. Clyde	1022 Van Buskirk, Flint 3, Mich.
Durig, Nancy M.	1804 First Street, Moundsville, W. Va.
Ely, John	West Alexander, Pa.
Flanagan, Paul	2227 Eoff Street, Wheeling, W. Va.
Gilchrist, Warren W.	1918 Marianna Street, Wellsburg, W. Va.
Greaver, William K.	2215 Charles Street, Wellsburg, W. Va.
Green, Charles L.	112½ 7th Street, Wellsburg, W. Va.
Halley, Naomi K.	Box 57, Bethany, W. Va.
Halley, Robert W.	310 5th Street, Elizabeth, Pa.
Hannig, Ernest J., Jr.	95 12th Street, Wheeling, W. Va.
Henthorne, Ivan D.	Porters Falls, W. Va.
Kamerer, Roland B.	2420 Commercial Avenue, Mingo Junction, Ohio
Klug, John J.	1312 Valley View Avenue, Wheeling, W. Va.
Knoepfel, Joan C.	6 Andover Avenue, Dumont, N. J.
Koleszar, John W.	297 Avenue C, Bayonne, N. J.
Laughner, Dale S.	1025 Indiana Avenue, Monaca, Pa.
Leach, Frank J.	10 Moller Street, Tenafly, N. J.
Lohman, Robert C.	R. R. 2, Waynesboro, Pa.
Ludington, Allen V., Jr.	1012 Phoenix Avenue, Chester, W. Va.
Martin, H. Edgar	Box 424, Bethany, W. Va.
Meess, Richard J.	803 Norwich Avenue, Pittsburgh 26, Pa.
Metz, Betty	235 Kruger Street, Elm Grove, Wheeling, W. Va.

Schreiber, Glenn R.	306 S. Penn Street, Wheeling, W. Va.
Shumar, Nick	323 27th Street, McKeesport, Pa.
White, Robert L.	Box 25, Bethany, W. Va.
Wolf, William F.	R. D. 1, Washington, Pa.

SOPHOMORES

Anderson, Marjorie E.	465 84th Street, Brooklyn 9, N. Y.
Blair, Orin L., Jr.	Tuscarawas Road, Beaver, Pa.
Brown, Rodger E.	1802 Jacob Street, Wheeling, W. Va.
Bruhn, Philip H.	Park View Lane, Wheeling, W. Va.
Burig, Paul	R. D. 2, Claysville, Pa.
Campbell, William	412 S. Penn Street, Wheeling, W. Va.
Gordon, Roy E.	3525 Decatur Avenue, New York 67, N. Y.
Harris, Don	3314 West Street, Weirton, W. Va.
Hissrich, William C.	54 N. 3rd Street, Martins Ferry, Ohio
Hogan, Donald T.	16 2nd Street, Beech Bottom, W. Va.
Kanrich, Andrew	1112 Park Avenue, New York 28, N. Y.
Loersch, Eleanor	517 Taylor Street, Greensburg, Pa.
McMullen, Park	10th & Franklin, Wellsburg, W. Va.
Metts, Donald	1325 Main Street, Follansbee, W. Va.
Slavin, Richard	Box 358, Bethany, W. Va.
Vujnovic, John	3708 Orchard Street, Weirton, W. Va.

FRESHMEN

Bellas, John A.	1604 Charles Street, Wellsburg, W. Va.
Cavalle, Anthony	3918 Brightway, Weirton, W. Va.
Fogie, Harry S.	Box 1005, Bethany, W. Va.
Keiser, Paul D.	No. 2 Mifflin Apartments, Butler, Pa.
Owens, Owen	Dennis Star Route, Weatherford, Texas
Pendergast, Robert E.	1085 Warren Avenue, Brockton, Mass.
Romagnoli, Pietro	Box 228, Follansbee, W. Va.
Schulz, Edwin F.	596 Manville, Pleasantville, N. Y.
Scott, John F.	34 Thayer Street, Washington, Pa.
Stubbs, Bernard	15 Birch Avenue, Wheeling, W. Va.
Tarr, William R.	2023 Marianna Street, Wellsburg, W. Va.
White, Edward G.	Bethany, W. Va.

SPECIAL STUDENTS

Bellas, Mary	1604 Charles Street, Wellsburg, W. Va.
Brown, Catherine D.	Box 215, Bethany, W. Va.
D'Aliberti, Alfred	1318 Park Street, Steubenville, Ohio
Dalzell, William F., Jr.	Rt. 2, Moundsville, W. Va.
Dermatis, Efsthathios N.	403 North 4th Street, Steubenville, Ohio
Dickman, Charles J.	132 14th Street, Wheeling, W. Va.
Farmer, Alonzo	Box 184, Bethany, W. Va.

Green, William T.	.....	Claflin College, Orangeburg, S. C.
Hugus, Wright	.....	Forrest Hills, Wheeling, W. Va.
Johnson, Virginia H.	.....	711 Richmond Avenue, Silver Spring, Md.
Keith, Charles A.	.....	1120 Garfield, McMechen, W. Va.
Kepner, Elizabeth N.	.....	1287 National Road, Wheeling, W. Va.
McKay, Thomas L.	.....	Rt. 1, Short Creek, W. Va.
Rithner, Henry A., III	.....	332 Commerce Street, Wellsburg, W. Va.
Smith, Hampton D.	.....	Claflin College, Orangeburg, S. C.
Sonneborn, Meyer R.	.....	401 S. Front Street, Wheeling, W. Va.
Stallworth, Leslie N.	.....	Claflin College, Orangeburg, S. C.
Strattan, William D.	.....	Point Pleasant, N. J.
Thomas, Theodore B.	.....	Claflin College, Orangeburg, S. C.
Tomassene, John S.	.....	Hazlett Court, Wheeling, W. Va.
Traubert, Thomas A.	.....	1502 Pleasant Avenue, Wellsburg, W. Va.
Underwood, Herbert G.	.....	1036 Main Street, Wellsburg, W. Va.
Vanyo, Joseph Edward	.....	2 Rockledge Road, Wheeling, W. Va.
Workman, Homer	.....	820 35th Street, Bellaire, Ohio
Wright, Mary Jane	.....	R. D. No. 1, Short Creek, W. Va.

SUMMER SESSION

1949

Enrollment by Classes

	<i>Men</i>	<i>Women</i>	<i>Total</i>
Senior	8	1	9
Junior	28	4	32
Sophomore	14	2	16
Freshmen	12	0	12
Special	20	5	25
	—	—	—
Total	82	12	94

Enrollment by States

Maryland	1
Massachusetts	1
Michigan	1
New Jersey	7
New York	5
Ohio	6
Pennsylvania	16
South Carolina	4
Texas	1
West Virginia	52
	—
Total	94

ROSTER OF STUDENTS

FIRST SEMESTER

1949-1950

SENIORS

Arnold, Charles	Box 13, Cheswick, Pa.
Bado, George	R. D. No. 2, Wellsburg, W. Va.
Balling, Wayne	37 Beeson Boulevard, Uniontown, Pa.
Barrows, Norma	Maravista Avenue, Falmouth, Mass.
Bates, Jack	118 Fifth Street, Ridgefield Park, N. J.
Bedford, Charles	319 West Kennedy, Syracuse 5, N. Y.
Beers, Marilyn	12 Hempstead Avenue, Rockville Centre, N. Y.
Behrendt, Jack	211 Meadow Avenue, Charleroi, Pa.
Bell, Robert	220 Oakdale Road, East McKeesport, Pa.
Berg, Joseph	Indian Head, Pa.
Berriman, Fred	61 North Drive, Eggertsville, N. Y.
Black, Martha	362 Fifth Avenue, New Kensington, Pa.
Blankenship, Vernon	3812 Piedmont Road, Huntington, W. Va.
Boden, Donald	R. D. No. 1, Sunset Drive, Wilkinsburg, Pa.
Bonville, William	32 South Street, Leominster, Mass.
Bowden, Perry	5534 Baptist Road, Pittsburgh, Pa.
Brown, Shannon	252 Kruger Street, Wheeling, W. Va.
Bruhn, Robert	Park View Lane, Wheeling, W. Va.
Burch, Nancy	227 Cedar Boulevard, Pittsburgh 16, Pa.
Burdette, Robert	2504½ Charles Street, Wellsburg, W. Va.
Burlingame, Anita	521 South 16th Street, Herrin, Illinois
Bush, Frank	64 Fifteenth Street, Wellsburg, W. Va.
Carman, James	Mount Royal Boulevard, Allison Park, Pa.
Carroll, Betty	105 Petroleum Avenue, Claysville, Pa.
Coble, Robert	324 West Main, Uniontown, Pa.
Collin, James R.	147 Second Street, Fanwood, N. J.
Cooney, Joan	9 Liberty Street, Hempstead, L. I., N. Y.
Cottingham, G. Malcolm	935 Ocean View Drive, Honolulu, T. H.
Culver, Perry	Box 66, Route 1, Connellsville, Pa.
Dodder, G. Clyde	1022 Van Buskirk, Flint 3, Michigan
Dole, Virginia	846 Worcester Street, Wellesley, Mass.
Dorencamp, Donald	518 Maple Street, East Pittsburgh, Pa.
Dunkle, Ralph	19188 Vineyard Hills, Wheeling, W. Va.
Durig, Nancy	1804 First Street, Moundsville, W. Va.
Ely, John	West Alexander, Pa.
Ertle, Walter	Box 274, Avella, Pa.
Ferrell, James	638 North Fifth Street, Steubenville, Ohio
Fiederlein, Frederick	1126 East Front Street, Plainfield, N. J.
Fitch, Lucille	West 23rd Street, Bellaire, Ohio
Flanagan, Paul	2227 Eoff Street, Wheeling, W. Va.

Flucke, Barbara	18635 Birchcrest Drive, Detroit 21, Michigan
France, Carl	Box 38, West Middletown, Pa.
France, Dorothy	407 Dinwiddie Avenue, Blackstone, Va.
Fuhrman, Robert	5610 Post Road, New York 63, N. Y.
Furst, Kenneth	155 Nichols Avenue, Brooklyn 8, N. Y.
Gabia, Leon	533 Beech Road, Weirton, W. Va.
Garlick, Charles	New Cumberland, W. Va.
Garnick, Charles	Bethany Pike, Wellsburg, W. Va.
Gilchrist, Warren	1918 Marianna Street, Wellsburg, W. Va.
Glassman, Mervin	1693 Putnam Avenue, Brooklyn, N. Y.
Greaver, William	2215 Charles Street, Wellsburg, W. Va.
Green, Charles	112½ Seventh Street, Wellsburg, W. Va.
Griffith, Benjamin	43 Clark Street, Uniontown, Pa.
Haering, Ruth	128 Lenox Avenue, New Milford, N. J.
Halley, Naomi	Box 57, Bethany, W. Va.
Halley, Robert	310 Fifth Street, Elizabeth, Pa.
Hankey, Robert	Gilbertsville, N. Y.
Hannig, Ernest	Rear 95 Twelfth Street, Wheeling, W. Va.
Hannon, Billy Joe	1012 Templer Street, Hinton, W. Va.
Henthorne, Ivan	Porter Falls, W. Va.
Hervey, William	1914 Marianna Street, Wellsburg, W. Va.
Hinchman, Leah	Ratzer Road, Box 202, Paterson 2, N. J.
Hite, Raymond	1014 Jefferson Avenue, Huntington, W. Va.
Hoyt, Donald	Box 961, Logan, W. Va.
Hurford, Robert	375 Sherman Avenue, Sharon, Pa.
Jagoe, Bud James	998 Belle Avenue, Teaneck, N. J.
Kalbfleisch, Gertrude	Howard Place, Wheeling, W. Va.
Kamhi, Ralph	1212 Grand Concourse, New York 56, N. Y.
Kearney, James	35 Bennett Avenue, Rochelle Park, N. J.
Kearney, Thomas	35 Bennett Avenue, Rochelle Park, N. J.
Kelley, William	425 Overhill Road, Haddonfield, N. J.
Kercsmar, John	601 Laufer Avenue, Bethlehem, Pa.
Kindig, Kenneth	Stillwater, Pa.
Kinsey, Jack	3320 Orchard Street, Weirton, W. Va.
Klug, John	1312 Valley View Avenue, Wheeling, W. Va.
Knoepfel, Joan	6 Andover Avenue, Dumont, N. J.
Kraus, Ralph	212 Fordyce Street, Pittsburgh, Pa.
Kruse, Martin	146 81st Street, Brooklyn, N. Y.
Kulawiec, Edwin	57 Pulaski Street, Newark, N. J.
Lambert, Herbert	625 Fifth Street, Moundsville, W. Va.
LaTourette, Harvey	65 Southern Slope Drive, Milburn, N. J.
Lawyer, John	1802 Jacob Street, Wheeling, W. Va.
Leach, Frank	10 Moller Street, Tenafly, N. J.
Leeson, Paul	Box 262, Cove Station, Weirton, W. Va.
Lefkowitz, Alan	Route 2, Hopewell Junction, New York
Lindveit, Earl	110 Hunnewell Avenue, Elmont, N. Y.
Lucas, Elmer	1215 Main Street, Wellsburg, W. Va.

Ludington, A. Victor	1012 Phoenix Avenue, Chester, W. Va.
Markle, Erwin	1475 Chapel Street, New Haven, Conn.
Marko, Andrew	Box 303, Allison, Pa.
Marko, George	Box 303, Allison, Pa.
Martens, Harry	503 Standish Road, Teaneck, N. J.
Martin, Georgina	82 Joyce Road, Tenafly, N. J.
Martin, Harold E.	2216 Hess Avenue, Wheeling, W. Va.
Massay, George	306 Sixth Street, Monongahela, Pa.
Mayer, Stewart	504 Ohio River Boulevard, Pittsburgh 2, Pa.
McClelland, Ardythe	115 Delaware Avenue, Dayton, Ohio
McFadden, Eugene	1117 Third Ave., Brockway, Pa.
McKinney, Julia	Box 91, Bethany, W. Va.
Meess, Richard	803 Norwich Avenue, Pittsburgh 26, Pa.
Messer, Barbara	250 Cabrini Boulevard, New York 33, N. Y.
Metz, Mary Elizabeth	235 Kruger Street, Elm Grove, W. Va.
Mewhirter, James	710 Florence Avenue, Avalon, Pa.
Norbury, James	230 Orchard Street, Watertown, Mass.
Oberlander, Melvyn	470 Columbia Street, Brooklyn, N. Y.
O'Connor, John	87-12 165th Street, Jamaica, N. Y.
Oehmler, Edward	77 North Harrison Avenue, Pittsburgh 2, Pa.
Orr, Emma Jeanne	25th Street, Parkersburg, W. Va.
Pecora, Peter	5 Undercliff Street, Yonkers, N. Y.
Phillips, William O.	12 Kentucky Street, Wheeling, W. Va.
Pilchard, Robert	Bethany, W. Va.
Pollock, Edward	45-55 48th Street, Woodside, L. I., N. Y.
Porter, Dorothy	150-35 23rd Avenue, Whitestone, N. Y.
Pratt, Helen	396 Woods Road, Teaneck, N. J.
Renner, John	1259 Oakridge Drive, Cleveland Heights, Ohio
Roper, Earl	413 Elm Avenue, Bogota, N. J.
Rosecrans, Winona	210 West Fifth Avenue, Roselle, N. J.
Ryan, William	488 Rosecroft Terrace, Baltimore 29, Md.
Schreiber, Glenn	306 South Penn, Wheeling, W. Va.
Schreiver, Sally	255 Brighten Road, Bellevue, Pa.
Shea, John	70 Division Street, Spring Valley, N. Y.
Shumar, Nick	323 27th Street, McKeesport, Pa.
Siedenburgh, Sarah	666 Ross Park Boulevard, Steubenville, O.
Smith, Mary Jo Anne	Lambeth Drive, R. D. No. 2, Bridgeville, Pa.
Spieldenner, Frank	117 Sunset Lane, Tenafly, N. J.
Stickel, Robert	3331 Bookman Avenue, Pittsburgh 27, Pa.
Taylor, C. Richard	Benton, Pa.
Thieroff, Ruth	35 Pleasant Drive, Wheeling, W. Va.
Turley, Marjorie	4218 Broadway, Indianapolis, Indiana
Ulman, Ralph	410 North Front Street, Wheeling, W. Va.
Unterzuber, Gene	R. D. No. 2, Moundsville, W. Va.
Vanderwood, Paul	114 Brookside Avenue, Ridgewood, N. J.
Van Horn, Henry	Edgewood Drive, Shelby, Ohio
Verwer, Johannes	143 Temple Street, Paterson, N. J.

Walker, Elizabeth	Box 147, Southport, Conn.
Watkins, Harold	235 South Franklin Street, Wauseon, Ohio
Woigele, Walter	52 Lyons Place, Westwood, N. J.
Williams, Elizabeth G.	Bethany, W. Va.
Wilson, Robert	1101 Main Street, Wellsburg, W. Va.
Winski, L. Eugene	1915 Main Street, Wellsburg, W. Va.
Wolf, William	R. D. No. 1, Washington, Pa.
Wyckoff, Frances	94 North Main Street, Perry, N. Y.
Xenakis, Barbara	Box 426, Clarksburg, W. Va.
Young, Marjorie	32 Laurel Avenue, Tenafly, N. J.
Zillweger, William	Box 71, Allison Park, Pa.

JUNIORS

Aagenas, Ruth	155 Drake Avenue, Staten Island 14, N. Y.
Adams, Mary Agnes	156 Sunset Lane, Tenafly, N. J.
Allison, Donald R.	1408 12th St., Altoona, Pennsylvania
Allison, Willard K., Jr.	Hickory, Pa.
Amsie, W. Arthur	Box 307, Buzzards Bay, Mass.
Antila, Eric	3836 Marlamont Street, Cove Station, Weirton, W. Va.
Antila, Jack	3836 Marlamont Street, Cove Station, Weirton, W. Va.
Atkins, John O.	415 Fifth Avenue, Hinton, W. Va.
Atkinson, Jean	R. D. No. 6, Butler, Pa.
Baird, S. Joanne	Box No. 55, Bethany, W. Va.
Barnett, William A.	145 Prospect Avenue, Westwood, N. J.
Beall, Charles	1451 Pleasant Avenue, Wellsburg, W. Va.
Beyer, Marion	170 Grant Avenue, Rochelle Park, N. J.
Blair, Nancy V.	924 Wheeling Avenue, Glen Dale, W. Va.
Blair, Orin	Tuscarawas Road, Beaver, Pa.
Boyd, Richard	Box 252, R. D. 4, Huntington, W. Va.
Bradley, Edwin	808 Fairmount Avenue, Signal Mountain, Tenn.
Bramwell, Phyllis	580 Kenilworth Drive, Pittsburgh, Pa.
Broberg, Harry R.	333 Le Blanc Street, Pittsburgh 18, Pa.
Bromwich, Vinny	83-11 Kent Road, Jamaica 3, N. Y.
Brown, Rodger E.	1802 Jacob Street, Wheeling, W. Va.
Bruhn, Philip	Park View Lane, Wheeling, W. Va.
Bruno, Anthony	432 Seventh Street, New Kensington, Pa.
Buchanan, Joyce	44 Elm Avenue, Metuchen, N. J.
Buchanan, Robert	1701 Bailey Avenue, McKeesport, Pa.
Buchanan, William F.	1701 Bailey Avenue, McKeesport, Pa.
Bunda, Andrew J.	4809 Second Street, Versailles, Pa.
Burghard, Bruce	222 Wheatfield Street, North Tonawanda, N. Y.
Burig, Paul	R. D. No. 2, Claysville, Pa.
Carbonaro, D. Edward	743 Bushwick Avenue, Brooklyn 21, N. Y.
Catlett, Betty Jane	204 Elkins Street, Beckley, W. Va.
Cochran, Susan E.	Box 631, Dawson, Pa.
Collin, Martha J.	Kennett's Square, Pa.

Collins, Warren E.	325 Hillside Avenue, Nutley 10, N. J.
Cook, Robert L.	17302 Woodbury Avenue, Cleveland, Ohio
Crane, Donald	Box 238, West Liberty, W. Va.
Crawford, Diana	204 South Clay Street, Mt. Carroll, Illinois
Crook, Alice	199 North Lyman Street, Wadsworth, Ohio
Curran, Peter H.	Hotel Marie Antoinette, New York 23, N. Y.
D'Anci, Michael	Main Street, Emerson, N. J.
Deardorff, Ona M.	23 South Euclid Avenue, Bellevue, Pa.
Deflin, Ralph A.	12016 Joan Drive, Pittsburgh, Pa.
deSciara, Edward	429 3rd Street, Brooklyn, N. Y.
Dettmer, Jean Elizabeth	13 Rose Boulevard, Baldwin, N. Y.
Dieckmann, Joan E.	Park View Lane, Wheeling, W. Va.
Dilimetin, Anthony	356 Cedar Avenue, Long Branch, N. J.
DiPaolo, Marie	936 Clifton Street, Follansbee, W. Va.
Dumire, Jane Ellen	12 Locust Avenue, Elkins, W. Va.
Durbin, Donovan B.	508 Crawford Avenue, Connellsville, Pa.
Dynow, Walter	107 McCormick Street, Ridley Park, Pa.
Eames, Weston W.	35 Damon Road, Medford 55, Mass.
Eaton, James P.	21 Linwood Street, Warren, Pa.
Esposito, Frank P.	87 Lennox Street, East Haven, Conn.
Feinstein, Neil	458 Jamaica Avenue, Brooklyn, N. Y.
Ferrell, Frank C.	87 Washington Street, Sharon, Pa.
Fraim, Bette	165 Engle Street, Tenafly, N. J.
Gaither, Shirley M.	3840 Brownsville Road, Pittsburgh 27, Pa.
Germon, Patricia A.	R. D. No. 1, Wellsburg, W. Va.
Gordon, Roy	3525 Decatur Avenue, Bronx 67, N. Y.
Grove, William B.	Penn Street, Elim, Johnstown, Pa.
Grubel, John	392 East Nineteenth Street, Paterson, N. J.
Gula, Edward A.	Box 22, Greensboro, Pa.
Hall, Nancy A.	110 Brilliant Avenue, Pittsburgh 15, Pa.
Hansroth, Shirley	51 Browning Street, Cumberland, Md.
Harris, Bernice Hope	1745 North 60th Street, Philadelphia, Pa.
Harris, Don	3314 West Street, Weirton, W. Va.
Haskins, Robert J.	106 Valley View Avenue, Wheeling, W. Va.
Helfer, Katharine	108 South Rolling Road, Baltimore, Md.
Higinbotham, Webb	2208 Vance Avenue, Wheeling, W. Va.
Hissrich, William C.	R. F. D. 1, St. Clairsville, Ohio
Hogan, Donald	Sixteenth Street, Beech Bottom, W. Va.
Holder, Bonnie	Route 1, New Martinsville, W. Va.
Huchette, Paul	Point Marion, Pa.
Huffman, Jean	3 Charles Street, Dravosburg, Pa.
Huhn, Ross	Liberty Street, Smithfield, Pa.
Hyde, Harold R.	Jane Lew, W. Va.
Johnston, Jeanne	5014 Jefferson, Bellaire, Ohio
Jones, Clara Joy	1113 Johnson Avenue, Petersburg, Va.
Kamerer, Roland	2420 Commercial Avenue, Mingo Junction, Ohio
Kanrich, Andrew	1112 Park Avenue, New York City 28, N. Y.

Katz, Rosslyn F.	7 Stratford Place, New Brunswick, N. J.
Keckley, Beryl Ann	970 Mt. Vernon Road, Newark, Ohio
Knowles, Nancy	4878 East 88th Street, Cleveland, Ohio
Koleszar, John W.	297 Avenue C., Bayonne, N. J.
Kruse, Rhoda	146 81st Street, Brooklyn, N. Y.
Kurtz, Joanne	Forsyth Road, Pittsburgh 5, Pa.
Lansill, Frederick	52 Orchard Terrace, Orchard Park, Erie, N. J.
Laughner, Dale	1025 Indiana Avenue, Monaca, Pa.
Lee, William	2109 Maple Street, Wellsburg, W. Va.
Levy, Gerald	2 Reid Street, West End, N. J.
Levy, G. Ted	2 Reid Street, West End, N. J.
Liedke, Thomas R.	169 North Sprague Avenue, Pittsburgh, Pa.
Lohman, Robert C.	R. D. No. 2, Waynesboro, Pa.
Lowder, Mary C.	309 Brooks Street, Charleston, W. Va.
MacDonald, John	663 Ramapo Road, Teaneck, N. J.
MacNichols, Grant	Washington Farms, Bethany Pike, Wheeling, W. Va.
Madden, Beverly	519 Ridgewood Avenue, Glen Ridge, N. J.
Makris, William E.	Box 319, Powhatan Point, Ohio
Marshall, Edmund	2107 Wiltshire Drive, Huntington, W. Va.
Maruca, Anthony	70 Lemon Street, Uniontown, Pa.
McClung, Dorothy	424 South Sixth Street, Clarksburg, W. Va.
McGavran, Malcolm	Bethany, W. Va.
McMullen, Park	10th and Franklin Avenues, Wellsburg, W. Va.
Metts, Donald A.	1325 Main Street, Follansbee, W. Va.
Molden, John R.	533 22nd Street N. W., Canton 9, Ohio
Montiegel, Ethel	2419 Hess Avenue, Wheeling, W. Va.
Morrison, James G.	732 Cove Road, Cove Station, Weirton, W. Va.
Myers, Marylou	5575 Hampton Street, Pittsburgh, Pa.
Nast, Robert	85 Erledon Road, Tenafly, N. J.
Naylor, Mary Lou	143 Derby Street, Johnstown, Pa.
Oltmer, Mary Elizabeth	County Road, Demarest, N. J.
Orlowski, Arthur	869 Fourth Avenue, New Kensington, Pa.
Palmer, Francis	1318 Lake Street, Elmira, N. Y.
Patterson, Albert E.	1405 Charles Street, Wellsburg, W. Va.
Peterson, George M.	91 Roosevelt Avenue, Bergenfield, N. J.
Poss, Richard	10904 South Eggleston Avenue, Chicago, Illinois
Pound, Donald	2330 Niles Avenue, St. Joseph, Michigan
Quortrup, Richmond C., Jr.	79 Long Ridge Road, Plandome, N. Y.
Racho, Ilene	1710 23rd Street, Wyandotte, Michigan
Ramsey, Edward A.	125 Fairview Avenue, Boonton, N. J.
Raney, Dana	320 Sand Ridge Road, Bowling Green, Ohio
Redding, Amos E.	516 Bloomfield Avenue, Bloomfield, Conn.
Regney, Robert M.	1153 Bechtel Street, Monaca, Pa.
Reith, Harold	166 Birchwood Drive, East Paterson, N. J.
Rennie, David James	Venetia, Pa.
Rhodes, Russell L.	1739 Jefferson Avenue, Huntington, W. Va.
Richardson, Homer Lee	1121 Sycamore Street, Steubenville, Ohio

Richmond, Roland	406 Chestnut Street, Nutley, N. J.
Rogers, Richard	507 Nineteenth Street, Altoona, Pa.
Romano, Helen E.	356 Lincoln Avenue, Mingo Junction, Ohio
Roth, William	3753 West 134 Street, Cleveland, Ohio
Rudin, Jane Marie	20 Shedd Place, Rutland, Vermont
Saxton, Patricia A.	64 Mayfair Drive, Pittsburgh 16, Pa.
Scheller, Jeanne Anne	416 East Francis Avenue, Connellsville, Pa.
Scott, Barbara E.	230 Nowell Road, Bangor, Maine
Seywert, Roberta S.	117 Hillside Avenue, West Caldwell, N. J.
Shaffer, Carrollton H.	473 Carnegie Drive, Mt. Lebanon, Pa.
Shearer, Jerry	1292 Pennington Road, West Englewood, N. J.
Shillinger, Leslie	708 Washington Drive, Pittsburgh 29, Pa.
Slavin, Richard	433 State Street, Baden, Pa.
Smith, James F.	111 East Walnut Avenue, Altoona, Pa.
Smith, Jane M.	112 Craig Avenue, Freeport, L. I., N. Y.
Steel, Robert N.	1754 Nostrand Avenue, Brooklyn, N. Y.
Stein, Alexander	2971 Marion Avenue, Bronx 58, N. Y.
Steinbrunn, Richard L.	1121 Highland Street, Tarentum, Pa.
Stephens, Robert	Comfort, W. Va.
Sternberg, Samuel L.	249 New York Avenue, Brooklyn, N. Y.
Stewart, Odelle	119 Nicholas Street, Clarksburg, W. Va.
Summers, Nancy Lou	849 Madison Avenue, Huntington, W. Va.
Switzer, Robert E.	8 Thornton Avenue, Buffalo 15, N. Y.
Thomas, Curtis	238 Birch Avenue, Pittsburgh 16, Pa.
Tomassene, Raymond S.	Hazlett Court, Wheeling, W. Va.
Townsend, Betty	759 Lebanon Avenue, Pittsburgh 16, Pa.
Townsend, Jean	63 North Jackson Avenue, Pittsburgh 2, Pa.
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Varlas, Mike	208 Birch Avenue, Moundsville, W. Va.
Vujnovic, John	3708 Tallman Avenue, Weirton, W. Va.
Wagner, Marjorie	16 Tusca Glen, Beaver, Pa.
Watson, William C.	607 San Luis Road, Berkeley 7, Calif.
Weeks, Emyrus	669 Lexington Road, Union, N. J.
White, Robert	Bethany, W. Va.
Wicha, Renee	4311 215th Place, Bayside, N. Y.
Wiggin, Neil C.	529 Essex Street, Lynn, Mass.
Wilkin, Ann	1453 Main Street, Wellsburg, W. Va.
Wilson, Stanley	539 Alexander Street, Greensburg, Pa.
Woodyard, William H.	Spencer, W. Va.
Young, Wyatt M.	R. D. No. 2, Box 221, Turtle Creek, Pa.
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Albrecht, Barbara	206 Hillside Avenue, Mt. Vernon, N. Y.
Anderson, Marjorie E.	465 84 Street, Brooklyn 9, N. Y.

Armbruster, William H.	2200 Pleasant Avenue, Wellsburg, W. Va.
Baylor, Phyllis	1058 Rose Drive, Louisville 9, Ky.
Bernhardt, Daniel	729 West LaSalle Avenue, South Bend, Ind.
Berseth, Marjorie	132 Linnview Avenue, Pittsburgh 10, Pa.
Bishop, Grant H.	8 Bryant Place, Westwood, N. J.
Boettcher, Constance	Bethany, W. Va.
Bogelmann, Margaret E.	19 Benmore Avenue, Franklin Square, L. I., N. Y.
Bramel, Rosemarie	104 Bellmore Street, Floral Park, L. I., N. Y.
Brandenberger, Anneliese	155 Main Street, Bogota, N. J.
Brown, Joan	Bethany, W. Va.
Bucy, Ann	704 Jefferson Avenue, Moundsville, W. Va.
Burgess, B. Eugene	219 Mercer Street, Butler, Pa.
Campbell, William	412 South Penn Street, Wheeling, W. Va.
Carey, Alfred M.	257 Brighton Road, Bellevue, Pittsburgh, Pa.
Cavalle, Anthony	3918 Brightway, Weirton, W. Va.
Cessna, William	Park Apartments, Punxsutawney, Pa.
Ciuffoletti, Angelo	1742 Constitution Blvd., Arnold, Pa.
Chowenhill, Frampton	Bedford Road, Pleasantville, N. Y.
Christman, Theo	Great Oak Road, Manhasset, N. Y.
Clark, Claire C.	45 Weston Street, Nutley, N. J.
Coggins, William E.	56 Hawthorne Avenue, Glen Ridge, N. J.
Collins, Douglass	325 Hillside Avenue, Nutley, N. J.
Coltman, Charles A.	375 Parkway Drive, Pittsburgh 16, Pa.
Cronan, George	40 Old Estate Rd., Manhasset, N. Y.
Cullis, John F.	4511 Seiger Street, Brookhaven, Chester, Pa.
Culp, Robert	247 Grant Street, Houston, Pa.
Curtis, Barbara J.	270 Lowell Avenue, Newtonville, Mass.
Curtis, Patricia	Wilton, Conn.
Dally, Charles H.	912 16th Street, Aliquippa, Pa.
Davidson, Alice	Rollingwood Farm, Lake Orion, Mich.
Davidson, C. Libby	700 West 178 Street, New York, N. Y.
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Driehorst, Betty Lou	55 Acheson Avenue, Washington, Pa.
DuFour, Joan	205 Somerset Street, Bound Brook, N. J.
Dunn, Jo Ann	420 Crandall Avenue, Youngstown, Ohio
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Elder, Suzanne V.	451 Chestnut Street, New Castle, Pa.
Elliott, Shirley A.	314 Elizabeth Avenue, Avalon, Pa.
Engler, Henry	1012 Cherry Street, Wheeling, W. Va.
Evarts, Daniel E.	261 Wyoming Avenue, South Orange, N. J.
Fair, Lois R.	Bethany, W. Va.
Ferguson, Charles	392 Hazel Drive, Pittsburgh, Pa.
Fitch, Miriam Ann	1524 Westwood Avenue, Lakewood 7, Ohio
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Hillman, Eileen	213 Dell Avenue, Mt. Lebanon, Pa.
Holl, Evelynne	11950 Sector Avenue, Cleveland 11, Ohio
Hoover, Ashby B.	R. D. No. 3, Mechanicsburg, Pa.
Hunt, Robert B.	58 Wilmot Street, Watertown, Mass.
Hurl, Rodney B.	66 Mansfield Avenue, Shelby, Ohio
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Johnson, Elizabeth	Highwood, R. F. D. No. 3, New Brunswick, N. J.
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Johnston, Richard H.	1520 Grand Avenue, Wellsburg, W. Va.
Jordan, June	181 East Hazeltine, Buffalo, N. Y.
Keiser, Paul	2 Mefflen Apartments, Butler, Pa.
Keller, Narka Lee	2144 Marshall Avenue, Elm Grove, W. Va.
Kelley, Jane	425 Overhill Road, Haddonfield, N. J.
Kershaw, Kenneth B.	3214 East Tenth Street, Kansas City, Mo.
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LaBella, Frank	Garfield Street, Haworth, N. J.
Lacock, William	108 West Cooke Road, Columbus, Ohio
Lallone, Joan	990 Alpine Drive, Teaneck, N. J.
Lashen, Kenneth M.	118 Fourth Street, California, Pa.
Leiser, Robert Norman	9 Windsor Road, Baldwin, N. Y.
Leswing, Anna May	138 Greenwood Avenue, Jenkintown, Pa.
LeVine, Donald C.	2360 Birtley Avenue, Pittsburgh, Pa.
LeVine, Thomas C.	2360 Birtley Avenue, Pittsburgh, Pa.
Loerch, Eleanor	517 Taylor Street, Greensburg, Pa.
Long, Frank	56 South Gamble Street, Shelby, Ohio
Mazziota, Frank	12 DeVausney Place, Nutley 10, N. J.
McConn, Gerald	Bethany, W. Va.
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McGregor, Russell E.	No. 2 Hazlett Court, Wheeling, W. Va.
McKee, Lois	76 Cottage Place, Mineola, L. I., N. Y.
Medcalf, David	c/o Y. M. C. A., Waycross, Ga.
Miller, Thomas Lee	202 Grant Avenue, Moundsville, W. Va.
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Morris, Robert	R. D. No. 1, East Canton, Ohio
Morrison, John R.	732 Cove Road, Weirton, W. Va.
Murk, Arthur Herbert, Jr.	228 Summit Avenue, Bogota, N. J.
Murphy, Edwin V.	502 South York Street, Wheeling, W. Va.
Murphy, Gaylord M.	Marianna, Pa.
Murphy, Richard W.	164 Audubon Drive, Snyder, N. Y.
Murvin, Theoren J.	Washington Farm, Wheeling, W. Va.
Nicholas, George	2513 Warwood Avenue, Wheeling, W. Va.
Nicholas, Irene C.	2513 Warwood Avenue, Wheeling, W. Va.
Niepp, Fred A.	550 Chess Street, Crafton, Pa.
Nowacki, J. Richard	109 Marshall Street, Benwood, W. Va.
Oakes, Bernard	809 Harrison Street, Princeton, W. Va.
O'Donoghue, Nancy	8 Fiske Road, Wellesley Hills, Mass.
Oglebay, Florence E.	960 Westcott Street, Syracuse 10, N. Y.
Oltmer, Florence	County Road, Demarest, N. J.
Owens, Gladys Fern	Bethany, W. Va.
Parker, Jane	139 Clay Street, Wollaston, Mass.
Passannant, Lois A.	1069 Wilson Avenue, Teaneck, N. J.
Pazzelli, John	Piney Fork, Ohio
Pendergast, Robert E.	1085 Warren Avenue, Brockton, Mass.
Phelps, Richard	920 Liberty Street, McKees Rocks, Pa.
Philips, Ronald W.	R. D. No. 3, Butler, Pa.
Piccirilli, Madlyn J.	83 Chester Avenue, Bloomfield, N. J.
Pracht, David D.	121 Edgewood Street, Wheeling, W. Va.
Pryor, Dayton E.	3115 Bramar Road, Camp Hill, Pa.
Rice, Keith	R. D. No. 1, Mingo Junction, Ohio
Ries, Esther	2710 Jacob Street, Wheeling, W. Va.
Rithner, Henry A.	332 Commerce Street, Wellsburg, W. Va.
Ritterbusch, William Carleton	1403 Sussex Road, West Englewood, N. J.
Romagnoli, Pietro	Box 228, Follansbee, W. Va.
Rompapas, Nicholas	518 Ft. Washington Avenue, New York 33, N. Y.
Rosie, Shirley	132 Sylvan Avenue, West Hartford, Conn.
Rozanski, Thomas	35 Turner Street, Plymouth, Pa.
Rozman, Robert R.	1431 Sheffield Street, Pittsburgh 12, Pa.
Sandwen, Arthur H.	238 Middle Street, East Weymouth, Mass.
Sarokon, Daniel	Cresson Hotel, Orlando, Fla.
Schryver, Gerald H.	R. D. No. 1, Rayland, Ohio
Schulz, Edwin F., Jr.	Pleasantville, N. Y.
Schumacher, Dorothy	454 Prospect Avenue, Mt. Vernon, N. Y.
Scott, John	34 Thayer Street, Washington, Pa.
Sheldon, Patricia Ann	5 Cedarwood Terrace, Lexington, Mass.
Shelton, Susan Marie	1904 South Garrison, Carthage, Mo.
Southall, Sharleen	4025 Lewis Street, Weirton, W. Va.
Staples, Carl W.	700 Washington Street, South Braintree, Mass.
Steckel, Edwin M., Jr.	Oglebay Park, Wheeling, W. Va.
Striebich, Robert	Windcrest Blvd., Wheeling, W. Va.
Stubbs, Bernard	15 Birch Avenue, Wheeling, W. Va.

Stubbs, Rosemary	Box 152, Allison Park, Pa.
Sullivan, Jerry M.	452 6th N. W., New Philadelphia, Ohio
Sydnor, John	634 Tenth Avenue, Huntington, W. Va.
Tarr, William R.	2023 Marianna Street, Wellsburg, W. Va.
Thomas, Walter R., Jr.	Box E, Russells Point, Ohio
Thompson, Lisbeth	169 Cherry Lane, Teaneck, N. J.
Tiberg, Ethel A.	466 East Fifth Street, Mt. Vernon, N. Y.
Topp, Ronald	Highland Park, Wheeling, W. Va.
Voit, Maxie R.	21 East Sixth Street, Oil City, Pa.
Wampler, Thomas P.	2129 Duquesne Avenue, McKeesport, Pa.
Watkins, Stuart Raymond	562 West High Street, Painted Post, N. Y.
Weikal, David L.	Box 47, Clark, Pa.
Wentworth, Alfred S., Jr.	502 Berlin Road, Forest Hills, Pa.
Wilcox, Richard	1900 Darlington Road, Beaver Falls, Pa.
Wilkins, Dudley C.	59 South Woodland Avenue, Woodburn, N. J.
Williams, Richard N.	117 Oakview, Pittsburgh 18, Pa.
Wolfe, Helen Jane	32 Summer Street, Cohasset, Mass.
Woolery, L. Ann	Box 125, Bethany, W. Va.
Wrubleski, Henry C.	70 Park Avenue, Naugatuck, Conn.
Young, Robert Wilson	302 Fisk Avenue, Avalon, Pa.
Yunt, Janet L.	44 Mountford Street, Battle Creek, Mich.
Zeka, James M.	1117 Heinz Avenue, Sharon, Pa.

FRESHMEN

Aken, Richard L.	R. D. No. 1, Chester, W. Va.
Alderton, George A., III	20200 Briarcliff, Detroit 21, Mich.
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Altemese, Danny F.	Main Street, New Martinsville, W. Va.
Anderson, Gordon S.	197 Stowe Street, Jamestown, N. Y.
Arnaud, Peter H.	169 Sarles Lane, Pleasantville, N. Y.
Atkinson, Helen	R. D. No. 6, Butler, Pa.
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Baird, Kathryn H.	Bethany, W. Va.
Balsinger, Jo Ann	Box 391, Bridgeville, Pa.
Barach, Daniel	3209 Orchard Street, Weirton, W. Va.
Bellas, John	1604 Charles Street, Wellsburg, W. Va.
Bennett, Homer L.	28 Fourth Street, Oakland, Md.
Bernhard, Mark	2625 Grand Concourse, New York, N. Y.
Birkhimer, Richard T.	571 Virginia Avenue, Chester, W. Va.
Blamick, Wesley E.	Box 530, Lincoln Way, McKeesport, Pa.
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Bohlmann, David J.	825 James Avenue, Niagara Falls, N. Y.
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Boone, William J.	Conotton, Ohio
Bowland, David L.	Box 336, Route No. 1, McKeesport, Pa.
Boyd, Charles J.	Wenga Farm, Armonk, N. Y.

Brady, Charles R.	345 Tyler Avenue, Washington, Pa.
Bragg, Peter E.	Dodge Farm, Chappaqua, N. Y.
Braisted, Stephen B., Jr.	108 Locust Street, Garden City, N. Y.
Brooks, Harold M.	11 Edgewood Terrace, Millburn, N. J.
Browell, David K.	214 East Apple Street, Connellsville, Pa.
Buist, Elsie L.	25 Sunnywood Drive, Westfield, N. J.
Bullard, Todd H.	114 Wheeling Avenue, Wheeling, W. Va.
Burke, Ernest D., Jr.	Route No. 1, Harper, W. Va.
Burt, Robert J.	Kenwood Place, Wheeling, W. Va.
Cable, Forestine E.	211 Orlando Street, Johnstown, Pa.
Campbell, Jack W.	903 Grant Street, Newell, W. Va.
Campbell, Peggy Ann	3459 Riverview Drive, Weirton, W. Va.
Carr, Joanne	3540 Brightway, Weirton, W. Va.
Coble, Dorothy J.	324 West Main Street, Uniontown, Pa.
Cochran, Mary Elizabeth	Main & Railroad Streets, Dawson, Pa.
Cody, Patrick J.	3516 Gerber Avenue, Pittsburgh, Pa.
Cole, Audrey E.	180 North Broadway, Nyack, N. Y.
Cole, Burt J.	412 West 110th Street, New York, N. Y.
Coles, Carolyn	408 Maple Avenue, Aspinwall, Pa.
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Coyne, Robert W.	4414 Harrison Street, Bellaire, Ohio
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DiGiacinto, Vendal J.	613 Main, Follansbee, W. Va.
Dingman, Jane A.	58 Saratoga Avenue, Yonkers 5, N. Y.
Doster, Harold C.	6674 Seneca Road, Cleveland 24, Ohio
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Elder, Vaughn I.	715 Jay Street, Ogdensburg, N. Y.
Fischl, Joan	5600 Mosholu Ave., New York, N. Y.
Ford, Donald R.	1427 Atlantic Street, Warren, Ohio
Forman, Robert R.	Main Street, New Salem, Pa.
Fowler, Harry W., Jr.	4012 Grizella Street, Pittsburgh, Pa.
Frazier, Peter P.	Greenwich Road, Bedford, N. Y.
Freyer, William	20 Church Street, Greenwich, Conn.
Friedman, Jack	133 West Seventh Avenue, Tarentum, Pa.
Fuhrman, David	33 Fairfield Pl., Yonkers 5, N. Y.
Fuhrman, Mina R.	222 Windsor Avenue, Haddonfield, N. J.
Garate, Bonita S.	57 Bixley Heath Lynbrook, N. Y.

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Gargle, Albert S.	Pine Hill Lodge, Mount Freedom, N. J.
Gates, Charles R.	Box 296, Perrysville, Pa.
George, Garnet	R. D. No. 4, Waynesburg, Pa.
Gilbertson, Barbara	328 Allaire Avenue, Leonia, N. J.
Gilchrist, Norman	1918 Marianna Street, Wellsburg, W. Va.
Gordon, John W.	104 Main Street, Belle Vernon, Pa.
Griffiths, Janet B.	R. D. No. 1, Elizabeth, Pa.
Gusta, Joanne	2503 Market Street, Wheeling, W. Va.
Haines, Ben F.	707 Cumberland Avenue, New Castle, Pa.
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Harmon, Ferl E.	Box 313, Brookside Farms, Pittsburgh 16, Pa.
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Hertel, Bruce	367 Conniston Ave., Pittsburgh, Pa.
Hillyer, Ann Marie	1903 Wallace Street, York, Pa.
Hindman, Mary Ann	618 North McKean Street, Butler, Pa.
Hofmann, Charles	38 Drexel Street, Croton, N. Y.
Holmskog, Norman E.	335 Ontario Street, Buffalo, N. Y.
Hopkins, John	1212 Oakglen St., Pittsburgh 4, Pa.
Hurley, Paul J.	132 Oliver Street, Aliquippa, Pa.
Ierise, Nicodemus F.	1045 Main Street, Follansbee, W. Va.
Isaac, Albert	91 South Burritt Street, New Britain, Conn.
Johnson, Herbert R.	402 Stowe Street, Jamestown, N. Y.
Johnson, Stuart M.	30 St. James Street, Mansfield, Pa.
Jolly, Robert K.	3318 Dodds Avenue, Chattanooga, Tenn.
Jordan, Lois Ann	223 West Liberty Street, Punxsutawney, Pa.
Justice, Edward L.	3621 Morgan Drive, Weirton, W. Va.
Kaibney, Miriam K.	152 76th Street, Brooklyn, N. Y.
Kamerer, Gerald V.	2420 Commercial Avenue, Mingo Junction, Ohio
Kasarda, Nancy C.	Bellvue Heights, Bellaire, Ohio
Kasbaum, William	21 Kiel Street, Tonowanda, N. Y.
Kay, Doris E.	40 Perryview Avenue, N. S., Pittsburgh, Pa.
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Klutinity, Chris	615 North Main Street, Butler, Pa.
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Kupets, James A.	221 Fairgarden Street, Republic, Pa.
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Marziale, Rita F.	3535 Orchard Street, Cove Station, W. Va.
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Mullins, Virginia K.	193 Mighbert Avenue, Logan, W. Va.
Myers, Nancy Mae	Snug Harbor, Steubenville, Ohio
Nagle, E. Ann	2493 Niagara Street, Buffalo, N. Y.
Ogilvy, Margaret D.	41 North 21st Street, East Orange, N. J.
Orlich, Harold L.	284 West End Avenue, New York 23, N. Y.
Owens, Basil T.	601 Hall Street, Aliquippa, Pa.
Parrill, Harrell J.	436 Hazlett Avenue, Warwood, W. Va.
Pease, Florence J.	45 East Webster Avenue, Rochelle Park, N. J.
Phelan, John J.	79 Wellington Road, Garden City, N. Y.
Plummer, Kathryn D.	405 Ford Avenue, Odensburg, N. Y.
Porter, Stacy R.	Cochran Street, Dawson, Pa.
Purpura, Steve P.	103 19th Street, Wheeling, W. Va.
Quist, Barbara J.	76 Nichols Avenue, Brooklyn, N. Y.
Rabenau, Patricia Ann	44 Westervelt Avenue, Baldwin, N. Y.
Rapp, John M.	219 Park Road, Carnegie, Pa.
Reed, Carl L.	536 Louisiana Avenue, Chester, Pa.
Reinthalder, Eric J.	306 Market Square, Apt. 29, Steubenville, Ohio
Riddell, Joyce A.	1234 South Taylor Street, Arlington, Va.
Riester, Joseph	1102 West Washington Avenue, Wheeling, W. Va.
Riznick, Alex N.	1818 Fifth Avenue, Arnold, Pa.
Robertson, Jean A.	42 Longview Avenue, Hackensack, N. J.
Robinson, Jane	2100 Planavon, Ferndale, Mich.
Robinson, Robert J.	Culler Road, Weirton, W. Va.
Romagnoli, Alfonso L.	966 Clifton Street, Follansbee, W. Va.
Rooke, Sara Jane	698 Wayside Drive, Akron, Ohio
Rose, Davis G.	1120 South Carolina Street, Louisiana, Mo.
Rothrock, Judith	3901 Claremont, Weirton, W. Va.
Sacco, Gladys	Maberly Street, Pittsburgh 5, Pa.
Schneider, Dudley	68 Mountain Avenue, Springfield, N. J.
Schoof, Robert C.	141 Morningside Road, Verona, N. J.

Schulz, Richard	596 Manville Road, Pleasantville, N. Y.
Scott, Catherine A.	219 Whitley Street, Bridgeport, Ohio
Scotti, Geraldine C.	16 Lafayette Avenue, Cliffside Park, N. J.
Scribner, Thomas M.	Church Street, Pleasantville, N. Y.
Seabright, Marjorie A.	309 Washington Avenue, Wheeling, W. Va.
Sebring, Walter	189 Mohawk Drive, Pittsburgh 16, Pa.
Selby, Donald I.	111 Pomeroy Road, Madison, N. J.
Shadle, Lloyd	Box 32, Ernest, Pa.
Shanaman, John E.	R. D. No. 5, Bethlehem, Wheeling, W. Va.
Sharp, Robert M.	1810 Converse Street, McKeesport, Pa.
Sheckler, Christine	1655 Laketon Road, Wilkinsburg, Pa.
Sheets, Roger	811 Berkley Road, Indianapolis, Ind.
Shipman, Robert W., Jr.	16 Lexington Drive, Croton-on-Hudson, N. Y.
Siegmán, Arthur	444 E. 86th, New York 28, N. Y.
Silcock, James	561 Boquet St., Carnegie, Pa.
Slade, Ronald	322 Tremont Street, North Tonowanda, N. Y.
Smith, William D.	675 Allison Avenue, Washington, Pa.
Snyder, Patty Lou	3524 Lindberg Way, Weirton, W. Va.
Sowada, John T.	8 Armstrong Avenue, Yonkers, N. Y.
Specht, Merrill	104 N. Wabash St., Wheeling, W. Va.
Spitzler, Robert T.	192 Pennsylvania Avenue, Freeport, N. Y.
Steele, William E.	704 Arthur Avenue, Scottdale, Pa.
Stocker, Nancy J.	454 Linden Avenue, New Martinsville, W. Va.
Steiner, Nathaniel	310 E. 9th, New York, N. Y.
Super, Charles J.	20 Florence Avenue, Pittsburgh 2, Pa.
Symington, Nancy Ann	Duquesne Avenue, McKeesport, Pa.
Taibi, George R.	706 Main, Follansbee, W. Va.
Tatlock, Robert	425 Locust Street, Jeffersonville, Ind.
Taylor, Wesley V., Jr.	Terrace Street, Haworth, N. J.
Telle, Byron J.	2116 Chapline Street, Wheeling, W. Va.
Thomas, John M.	203 Franklin Street, Valparaiso, Ind.
Thompson, Carol E.	209 Summit Drive, Blawnox, Pa.
Thompson, Emma C.	Main Street, Avella, Pa.
Truschel, William H., III	1810 National Road, Wheeling, W. Va.
Tschappat, Chalmer	Rt. 4, Box 130, Bellaire, Ohio
Turnamian, Armon M.	4528 Hudson Avenue, Union City, N. J.
Turner, David Lee	River Street, Norwell, Mass.
Valot, Merlin H., Jr.	R. D. No. 5, Warren, Ohio
Vanderhoof, Adele D.	66 Mississippi Avenue, West Orange, N. J.
Von Hirsch, Fritz A.	233 Whitford Avenue, Nutley, N. J.
Warren, William R.	515 22nd Street, Santa Monica, Calif.
Warrender, Caryl Ann	Lagio Road, R. D. No. 2, Marion, Ind.
Weaver, Baldwin	Box 258 E, R. D. No. 2, Gibsonia, Pa.
Weaver, Lois N.	106 Park Street, Scottdale, Pa.
Weikle, Oravel K.	Box 71, Sprague, W. Va.
Weiss, Kathryn R.	206 Good Drive, Perrysville, Pa.
Welch, Travella G.	125 Brown Street, Belle Vernon, Pa.

Welling, Geraldine.....	39 Franklin Avenue, Monroe, N. Y.
Wenger, Marian.....	West Liberty, W. Va.
White, Edward G.....	Bethany, W. Va.
Whitehead, Richard.....	71 Seventh Street, Wellsburg, W. Va.
Wilkins, Edward R.....	Millsboro, Delaware
Willey, Patricia J.....	3421 Orchard Street, Weirton, W. Va.
Witt, Byron.....	School Street, Whippany, N. J.
Woodbury, James G.....	37 Dusenberry Road, Bronxville, N. Y.
Wright, Samuel C.....	Box 1790, Uniontown, Pa.
Yank, William.....	1014 Hober Avenue, McKees Rocks, Pa.
Zdinak, Edward G.....	615 Parkview Avenue, Avalon 2, Pa.
Zucchelli, Renato.....	Yatesboro, Pa.

UNCLASSIFIED STUDENTS

Artley, Malvin N.....	Charlotte, N. C.
Bardis, Panos.....	Tripolis, Greece
Berrios, Alfonso.....	Bethany, W. Va.
Berrios, Betty.....	Bethany, W. Va.
Biddle, Ann Louise.....	Box 93, Beech Bottom, W. Va.
Boettcher, Walter.....	Bethany, W. Va.
Burwell, James Bernard.....	Claysville, Pa.
Cameron, Crawford.....	R. D. No. 1, Weirton, W. Va.
Cole, Louise Stevens.....	Box 1007, Bethany, W. Va.
Comninellis, Eustratios.....	Mudros Limna, Greece
Delgado, Fausto Jose.....	Padre Solano 1801, Guayaquil, Ecuador
Dermatis, Steven.....	403 North Fourth Street, Steubenville, Ohio
Dodder, E. Joyce.....	1022 Van Buskirk, Flint, Mich.
Feagin, Olin B.....	Rt. 1, West Finley, Pa.
Flanagan, Frances.....	169 15th Street, Wheeling, W. Va.
Gray, Lillian L.....	Box 78, Bethany, W. Va.
Grimm, Kenneth.....	19 Depot St., Mt. Pleasant, Pa.
Grizzell, Karolyn.....	632 North Third Street, Toronto, Ohio
Ludington, Nina.....	Box 935, Bethany, W. Va.
Mahaffey, Pearl.....	Bethany, W. Va.
Ottey, Thomas Harold, Jr.....	322 Woodlawn Road, Steubenville, Ohio
Parent, Michel.....	16 Avenue de la Grande Arme, Paris 17, France
Parry, M. Joan.....	Box 1, Bethany, W. Va.
Paustian, Aldona E.....	Box 213, Bethany, W. Va.
Pudliner, John.....	547 Forest Avenue, Johnstown, Pa.
Rose, Carolyn W.....	210 North Tenth Street, Louisiana, Mo.
Showman, Frank, Jr.....	302 South Ninth Street, Connellsville, Pa.
Sumpstine, Patricia.....	Bethany, W. Va.
Timmis, Evelyn.....	Box 71, Power, W. Va.
Woolery, Margaret.....	Box 125, Bethany, W. Va.

ENROLLMENT BY CLASSES

	<i>Men</i>	<i>Women</i>	<i>Total</i>
Senior	109	36	145
Junior	110	58	168
Sophomore	104	63	167
Freshman	150	72	222
Unclassified	15	15	30
TOTAL.....	488	244	732

ENROLLMENT BY STATES AND FOREIGN COUNTRIES

California	2
Connecticut	10
Delaware	1
Ecuador	1
Florida	1
France	1
Georgia	1
Greece	2
Hawaii	1
Illinois	3
Indiana	6
Kentucky	1
Maine	1
Maryland	4
Massachusetts	18
Michigan	10
Missouri	4
North Carolina	1
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Ohio	55
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BEQUESTS

Gifts to the college may take the form of lectureships, of scholarships, of professorships, of additions to the material equipment, or of contributions to the permanent endowment fund or the current expense fund of the college. Special conditions may, of course, be attached to any gift. Forms of bequests are suggested as follows:

A. UNRESTRICTED BEQUEST

I give, devise, and bequeath to the Trustees of the Bethany College, a corporation established by law at Bethany in the Commonwealth of West Virginia, the sum of _____ dollars, to be applied to the general uses and purposes of the said institution.

B. UNRESTRICTED BEQUEST MAKING THE COLLEGE RESIDUARY LEGATEE

All the rest, residue, and remainder of any estate, real and personal, I devise and bequeath to the Trustees of the Bethany College, a corporation established by law at Bethany in the Commonwealth of West Virginia, to be applied to the general uses and purposes of the said institution.

C. BEQUEST FOR ENDOWMENT

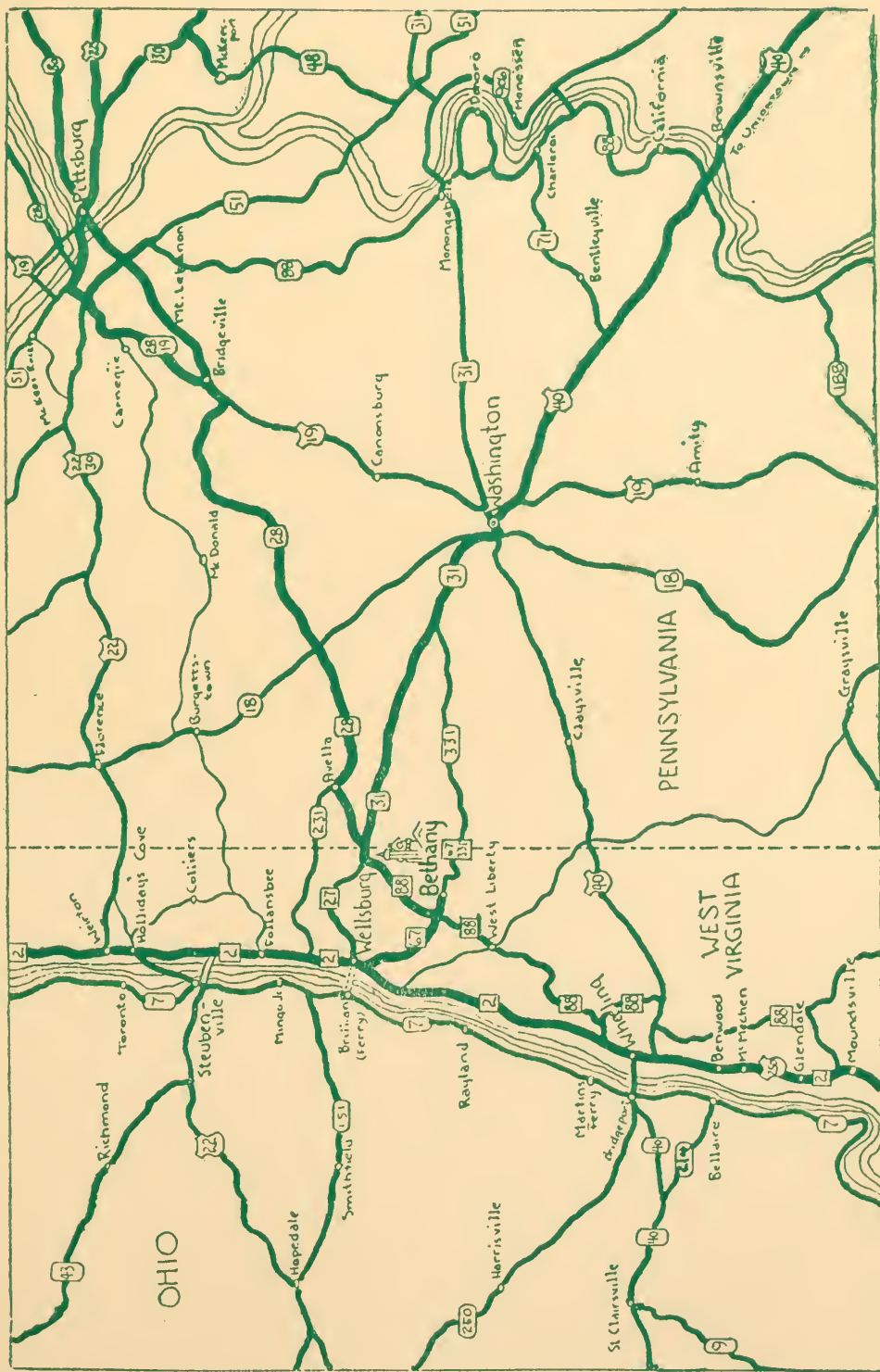
I give, devise, and bequeath to the Trustees of the Bethany College, a corporation established by law at Bethany in the Commonwealth of West Virginia, the sum of _____ dollars to be invested and preserved inviolably for the endowment of Bethany College.

BETHANY COLLEGE is a privately governed college of the liberal arts and sciences. It is dedicated to high scholarship and Christian character. It derives its income from endowments, the gifts of its friends, and from student fees. It is not a tax-supported institution.

Opportunities in great variety confront those who would like to associate themselves with the good work of this college. There is need for large additions to the unrestricted endowment, for scholarships, for lecture-ships, and for endowed professorships. There is need for additional dormitories for men and women.

W. H. CRAMBLET, *President*

April 1950



BETHANY COLLEGE BULLETIN

CATALOGUE NUMBER

BETHANY - WEST VIRGINIA
1951 - 52

CORRESPONDENCE DIRECTORY

To avoid delay, correspondence should be addressed as indicated below:

Admissions, everything concerned with the admission of students, requests for the college catalogue and other publications, and information about rooms, tuition and other fees prior to enrollment, address
The Director of Admissions

General information and matters of general college interest and development, address
The President

The welfare of students, academic records, guidance, counseling, placement, financial aids, address
The Dean of Students

Curriculum, instruction, faculty concerns, address
The Dean of the Faculty

Transaction of business in connection with student accounts, deferred payments, purchases, address
The Bursar

Alumni activities, address
The Alumni Secretary

BETHANY COLLEGE BULLETIN

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September, 1951

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Bethany, W. Va.

BETHANY COLLEGE BULLETIN

CATALOGUE NUMBER

REGISTER

FOR 1950-1951

ANNOUNCEMENTS

FOR 1951-1952

The One Hundred and Eleventh Academic Year

CHARTERED MARCH 2, 1840 BY THE ASSEMBLY OF VIRGINIA

Calendar for 1951-1952

JULY 1951

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SEPTEMBER 1952

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OCTOBER 1952

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NOVEMBER 1952

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DECEMBER 1952

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21	22	23	24	25	26	27
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College Calendar for 1951-1952

First Semester

1951

September 13-14, Thursday and Friday—Faculty Seminar.
September 16, Sunday—Dormitories open to freshmen.
September 17 to 19, Monday to Wednesday—Orientation and Evaluation for freshmen.
September 19, Wednesday—Registration Day for all students.
September 20, Thursday—8:00 A. M., Classes begin for all students.
October 27, Saturday—Alumni-Faculty-Student Conference.
November 10, Saturday—Mid-semester grades are called.
November 22, Thursday—Thanksgiving—A college holiday.
December 1, Saturday—Modern Language Reading Test.
December 3, Monday—Elections to Recognition Societies.
December 19, Wednesday—12:00 Noon, Christmas recess begins.

1952

January 3, Thursday—8:00 A. M., Christmas recess ends.
January 12, Saturday—Advance Enrollment for Second Semester to be completed.
January 21 to 26, Monday to Saturday—Final Examinations for First Semester.

Second Semester

1952

January 30-31, Wednesday and Thursday—Orientation and Evaluation for freshmen.
January 31, Thursday—Registration Day for all students.
February 1, Friday—8:00 A. M., Classes begin for all students.
February 26 to 28, Tuesday to Thursday—Christian Living Emphasis Week.
March 29, Saturday—Mid-semester grades are called.
April 10, Thursday—12:00 Noon, Easter recess begins.
April 21, Monday—8:00 A. M., Easter recess ends.
April 26, Saturday—Modern Language Reading Test.
May 1-2, Thursday and Friday—Career Conference.
May 3, Saturday—May Morning Breakfast for college women.
May 10, Saturday—Advance Enrollment for First Semester of next year to be completed.
May 12, Monday—Election to Recognition Societies.
May 14, Wednesday—Reading Period begins for Seniors.
May 26-27, Monday and Tuesday—Comprehensive Examinations for Seniors—Written Part.
May 28 to 31, Wednesday to Saturday—Comprehensive Examination for Seniors—Oral Part.
June 2 to 6, Monday to Friday—Final Examinations for Second Semester.
June 7, Saturday—Alumni Day.
June 8, Sunday—111th Annual Commencement.

Aims

Bethany College aims to assist its students in their preparation for intelligent and creative participation in contemporary living, and to direct them toward attainment of standards of excellence in scholarship, culture, and conduct.

In connection with a study to evaluate the present program and future undertakings of the College, the Faculty listed as representative of the more particular aims of the College the following:

- (1) To impart basic knowledge in various subject matter fields.
- (2) To establish sound habits of study and critical thought.
- (3) To provide opportunity for the development of health, physical fitness, good taste, poise, and courtesy.
- (4) To stimulate appreciation for the institutions and cultural contributions of mankind.
- (5) To develop social awareness and a fellow feeling for all nations and races.
- (6) To encourage creative self-expression in speaking, writing and the fine arts.
- (7) To enable the student to concentrate in an area of interest leading toward a career in one particular field.

The College undertakes to provide higher education in an atmosphere of Christian ideals and Christian faith and to develop the moral character and religious life of its students.

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Officers of Administration

WILBUR HAVERFIELD CRAMBLET.....*President of the College*

BERNAL ROBINSON WEIMER.....*Dean of the Faculty*

FORREST HUNTER KIRKPATRICK.....*Dean of Students*

NEWTON WALLACE EVANS.....*Bursar*

EDGAR HUGH BEHYMER.....*Librarian*

Board of Trustees

TERM EXPIRES JUNE, 1954

DONALD L. BOYD.....Box 1240, Huntington, West Virginia
ALBERT H. HUNT.....19th Floor, Koppers Building, Pittsburgh, Pennsylvania
ROBERT D. HURL.....Shelby Salesbook Company, Shelby, Ohio
M. J. KASARDA.....Bellaire, Ohio
JOHN MARSHALL.....Union Trust Building, Washington, D. C.
ROBERT H. MILLER.....Traffic Manager, Pennsylvania Railroad
Pittsburgh 22, Pennsylvania
DANIEL F. MULLANE.....202 Kenneth Avenue, Greensburg, Pennsylvania
THOMAS W. PHILLIPS, JR.....Phillips Hall, Butler, Pennsylvania
AUSTIN V. WOOD.....News Publishing Co., Ogden Building, Wheeling, W. Va.

TERM EXPIRES JUNE, 1953

ROY S. ADKINS.....653 Ridgewood Avenue, Upper Montclair, New Jersey
FRANCIS O. CARFER.....50 Lincoln Boulevard, Kenmore, New York
REV. A. DALE FIERs.....222 Downey Avenue, Indianapolis, Indiana
FRANK P. JONES.....340 King Street, Port Chester, New York
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DR. R. R. RENNER.....12900 Euclid Avenue, East Cleveland, Ohio
KENNETH RESSEGER.....Calfee, Fogg, McChord and Halter,
Union Commerce Building, Cleveland 14, Ohio
*DR. WALTER W. TILOCK.....Lorain, Ohio
*W. S. WILKIN.....Wellsburg, West Virginia

TERM EXPIRES JUNE 1952

GEORGE J. BARTHOLD.....Miners and Mechanics Savings and Trust
Company, Steubenville, Ohio
FRANK M. HESSE.....National Steel Company, Grant Building,
Pittsburgh, Pennsylvania
REV. JOHN W. LOVE.....435 Leonard Avenue, Washington, Pennsylvania
MISS PEARL MAHAFFEY.....Bethany, West Virginia
ROBERT MCKINNEY.....Box 1705, Sante Fe, New Mexico
DR. J. PARK McMULLEN.....Wellsburg, West Virginia
*J. C. MORRIS.....Shelby, Ohio
CHARLES E. PALMER.....Peoples Union Bank, McKeesport, Pennsylvania
W. ARTHUR RUSH.....Art Rush, Inc., California Bank Building
1418 North Highland, Hollywood 28, California
*ALFRED E. WRIGHT.....Uniontown, Pennsylvania
MRS. HELEN I. WYCKOFF.....94 North Main Street, Perry, New York

Faculty Representative for 1950-1951: Professor E. E. Roberts
Faculty Representative for 1951-1952: Professor R. H. Kyler

* Deceased

Officers of the Board

SIDNEY C. PORTER, *Chairman*

W. H. CRAMBLET, *President and Treasurer*

N. W. EVANS, *Secretary*

COMMITTEES OF THE BOARD

BUDGET AND FINANCE

Mr. Hesse, Chairman, Mr. Barthold, Mr. Miller, Mr. Palmer, Mr. Porter

BUILDINGS AND GROUNDS

Mr. Boyd, Chairman, Mr. Adkins, Mr. Hunt, Mr. Mullane, Mr. Patton

EXECUTIVE

Mr. Porter, Chairman, Mr. Barthold, Mr. Boyd, Mr. Hesse, Mr. Hurl, Mr. Kasarda, Miss Mahaffey, Dr. McMullen, Mr. Miller, Mr. Mullane, Mr. Palmer, Mr. Phillips, Mr. Resseger, Mr. Kirkpatrick, Secretary

FACULTY RELATIONS

Dr. Renner, Chairman, Mr. Hurl, Mr. Love, Dr. McMullen, Mrs. Wyckoff

FINANCIAL DEVELOPMENT

Mr. Boyd, Chairman, Mr. Hunt, Mr. Patton, Mr. Resseger

INVESTMENT

Mr. Mullane, Chairman, Mr. Cramblet, Mr. Palmer

LIBRARY

Mr. Carfer, Chairman, Mr. Adkins, Mr. Barthold, Dr. Renner, Mrs. Wyckoff.

MINISTERIAL TRAINING

Mr. Fiers, Chairman, Mr. Love, Miss Mahaffey, Mr. Phillips, Dr. Renner

NOMINATIONS

Mr. Hurl, Chairman, Mr. Boyd, Dr. McMullen, Mr. Marshall, Mr. Patton, Mr. Porter.

STUDENT WELFARE AND ATHLETICS

Mr. Fiers, Chairman, Mr. Adkins, Mr. Carfer, Mr. Kasarda, Mr. Palmer, Mr. Rush

Faculty*

1951-1952

WILBUR HAVERFIELD CRAMBLET, *President of the College on the M. M. Cochran Foundation*. (1917, president since 1934).

A. B., Bethany College; A. M., Ph. D., Yale University; LL. D., University of Pittsburgh.

JEAN CORRODI MOOS, *Professor-Emeritus of Music*. (1897-1934).

College of Music, Zurich; Royal Conservatory of Music, Leipzig; A. M., Mus. D., Bethany College; Oberlin College; Columbia University.

HENRY NEWTON MILLER, *Professor-Emeritus of Bible School Pedagogy on the Herbert Moninger Foundation*. (1914-1937).

A. B., A. M., Bethany College; Yale University; D. D., Bethany College.

PEARL MAHAFFEY, *Professor-Emerita of Modern Languages*. (1908-1949).

A. B., Miami University; University of California; A. M., Columbia University; University of Grenoble; McGill University; University of Paris; Harvard University; National University of Mexico; Litt. D., Bethany College.

ANDREW LEITCH, *Sarah B. Cochran Professor of Psychology and Head of the Department*. (1920).

A. B., A. M., Butler College; B. D., Ph. D., Yale University; Columbia University; University of Chicago; University of Pennsylvania; Harvard University.

BERNAL ROBINSON WEIMER, *Dean of the Faculty, Professor of Biology and Head of the Department*. (1921).

A. B., A. M., West Virginia University; Ph. D., University of Chicago.

IRVIN TAYLOR GREEN, *Professor of New Testament and Church History*. (1921).

A. B. Transylvania College; A. M., B. D., Bethany College; University of Chicago; D. D., Milligan College.

FORREST HUNTER KIRKPATRICK, *Dean of Students and Professor*. (1927).

A. B., Bethany College; University of Dijon; A. M. and Prof. Dipl., Columbia University; University of Pittsburgh; University of London; LL. D., Bethany College.

* The names are arranged in order of rank and seniority of appointment. The date in parentheses indicates the date of first appointment to the faculty.

- EMMETT EPHRIAM ROBERTS, *Professor of Journalism and Head of the Department.* (1928).
A. B., Ohio University; A. M., Ohio State University; New York University.
- OSBORNE BOOTH, *T. W. Phillips Professor of Old Testament and Head of the Department of Religion.* (1929).
A. B., Hiram College; B. D., Ph. D., Yale University; University of Chicago.
- JOHN J. KNIGHT, *Professor of Physical Education and Head of the Department.* (1930).
A. B., West Virginia Wesleyan College; University of Michigan; A. M., Ohio State University.
- JOHN STANLEY VALENTINE ALLEN, *Professor of Physics and Head of the Department.* (1933).
B. S. in E., M. S., Ph. D. Ohio State University.
- BENJAMIN CHANDLER SHAW, *George T. Oliver Professor of History and Political Science and Head of the Department.* (1935).
A. B., Rollins College; A. M., Ph. D., University of North Carolina; American Academy in Rome; Royal University, Perugia, Italy.
- EARL D. MCKENZIE, *Professor of Modern Languages and Head of the Department.* (1937).
A. B., Brown University; A. M., Columbia University; University of Frankfurt am Main; Yale University; M. Litt., Ph. D., University of Pittsburgh.
- ERWIN C. PAUSTIAN, *Professor of Sociology and Head of the Department.* (1944).
A. B., Central Wesleyan College; A. M., Northwestern University; University of Chicago; University of Minnesota; Ph. D., Northwestern University.
- HARRY LAWRENCE ICE, *Director of Ministerial Training and Professor of Religion.* (1944).
A. B., A. M., Bethany College; Ph. D., George Washington University; D. D., Bethany College.
- CHARLES FLEMING BROWN, *Professor of Chemistry and Head of the Department.* (1946).
A. B., M. S., Ph. D., West Virginia University.
- RUDOLPH H. KYLER, *Professor of Economics and Business Administration and Head of the Department.* (1946).
J. U. D., University of Breslau.
- KENNETH RIESCH, *Professor of Education and Head of the Department.* (1950).
B. Ed., Oshkosh State Teachers College; M. S., Ph. D., University of Wisconsin.

EDGAR LINDSLEY MCCORMICK, *Professor of English and Head of the Department.* (1950).

A. B., Kent State University; A. M., Ph. D., University of Michigan.

EDGAR HUGH BEHYMER, *Librarian.* (1941).

A. B., Indiana University; A. B. L. S., University of Michigan; A. M., University of Chicago; University College, London.

BRADFORD TYE, *Associate Professor of Mathematics and Acting Head of the Department.* (1943).

B. S., Alma White College; Rutgers University; M. S., New York University; Columbia University; University of Pittsburgh.

GEORGE K. HAUPTFUEHRER, *Associate Professor of Music and Head of the Department.* (1945).

A. B., B. M., Friends University; A. M., University of Kansas; Pittsburgh Musical Institute; Julliard School of Music; Indiana University.

DONALD E. FUOSS, *Associate Professor of Physical Education.* (1948).

A. B., Catawba College; University of Pittsburgh; A. M., and Prof., Dipl., Columbia University.

MARGARET ROBERTS WOODS, *Assistant Professor of Modern Languages.* (1943).

A. B., Wellesley College; A. M., Pennsylvania State College; Middlebury College; Columbia University; Colorado College; University of Besancon; University of San Luis Potosi.

* S. ELIZABETH REED, *Assistant Professor of Physical Education.* (1945).

A. B., Muskingum College; M. Ed., University of Pittsburgh; University of Wisconsin; New York University; University of Wyoming.

HELEN LOUISE MCGUFFIE, *Assistant Professor of English.* (1947).

A. B., Bethany College; A. M., University of Pittsburgh; Columbia University.

MALVIN N. ARTLEY, *Assistant Professor of Music.* (1949).

B. M., Shenandoah Conservatory of Music; M. M., Cincinnati Conservatory of Music; Chicago Musical College.

MARY ELEANOR TYLER, *Associate Dean of Students.* (1950).

A. B., Oberlin College; A. M., Columbia University.

JOHN W. DRAPER, *Assistant Professor of Chemistry.* (1951).

B. S., Franklin and Marshall College; Ph. D., University of Maryland.

JOHN GERALD PATTERSON, *Director of Admissions and Alumni Secretary.* (1946).

A. B., Bethany College; A. M., University of Virginia; University of Pittsburgh.

* On leave of absence, 1951-1952.

- ELIZABETH BELT, *Registrar and Secretary of the Faculty*. (1946).
A. B., Bethany College; Columbia University; M. Ed., University of Pittsburgh.
- ALBERT W. BLUEM, *Instructor in English*. (1950).
A. B., Western Reserve University; A. M., Ohio State University.
- CHARLES F. CONKLIN, *Instructor in Economics and Business Administration*. (1950).
A. B., Waynesburg College; A. M., University of Pittsburgh.
- RUTH ELLEN GEIB, *Instructor in Biology*. (1950).
A. B., Heidelberg College; A. M., Indiana University; Ohio State University.
- GEORGE WILLIAM HETTLER, *Instructor in Modern Languages*. (1950).
A. B., Bethany College; A. M., Columbia University; Middlebury College.
- EUGENE C. SNEARY, *Instructor in Modern Languages*. (1950).
B. S., Central Michigan College; Wayne University; A. M., Oklahoma Agricultural and Mechanical College; Escuela Normal Superior de Colombia, Bogota.
- WILLIAM L. YOUNG, *Instructor in History and Political Science*. (1950).
A. B., Bethany College; A. M., Ohio State University.
- EDNA WELLING WOOLERY (MRS.), *Assistant Librarian*. (1951).
A. B., Bethany College; B. L. S., Columbia University.
- LAWRENCE W. BECKER, *Instructor in Art*. (1951).
A. B., Eastern Kentucky State College; A. M., George Peabody College for Teachers.
- MARGARET MATHISON, *Instructor in Education*. (1951).
A. B., M. Litt., University of Pittsburgh; University of Southern California; Pennsylvania State College.
- BARBARA ORR BRADFORD, *Instructor in Physical Education*. (1951).
A. B., Wagner College; A. M., Columbia University.
-
- LOUISE N. FLETCHER, *Associate in English*.
A. B., Bethany College; University of Pittsburgh.
- HENRY MAZER, *Lecturer in Music*.
Director, Wheeling Symphony Orchestra.
- MARGARET FLEMING REXROAD (MRS.), *Associate in Physical Education*.
B. S., North Dakota Agricultural College; A. M., Columbia University.
- WILMA M. SHANER (MRS.), *Associate in Biology*.
A. B., Bethany College.
- PHILLIS WEBER SNEARY (MRS.), *Associate in Music*.
B. M., Northwestern University.

FACULTY APPOINTMENTS FOR 1950-1951 NOT REPORTED
IN CATALOGUE OF APRIL 1950

MATTHEW WAITE HARRISON, JR., *Instructor in English.*

A. B., A. M., West Virginia University.

ROBERT C. WATERSTRIPE, *Instructor in Music.*

B. M., M. M., Eastman School of Music of the University of Rochester.

LAWRENCE P. RILEY, *Instructor in Psychology.*

A. B., West Virginia Wesleyan; A. M., University of Toronto.

OFFICE OF BUSINESS MANAGER

JAMES GRIBBEN.....*Chief Engineer*

HARRY MILTON MYERS.....*Bookkeeper*

DESSIE MAE RUPE (MRS.).....*Bookkeeper*

WILLA M. THOMPSON.....*Manager of Food Service*

B. S., Columbia University.

LAWRENCE V. VANSICKLE.....*Manager of College Stores*

West Virginia University.

CLAYTON E. BENEDICT.....*Stock Room*

OFFICE OF DEAN OF STUDENTS

ELIZABETH BELT.....*Registrar*

A. B., Bethany College; Columbia University; M. Ed., University of Pittsburgh.

MARY ELEANOR TYLER.....*Associate Dean of Students*

A. B., Oberlin College; A. M., Columbia University.

LOUISE N. FLETCHER.....*Vocational Counselor*

A. B., Bethany College; University of Pittsburgh.

LOIS R. FAIR.....*Assistant to Registrar*

GENEVIEVE GRAY.....*Senior Secretary*

SUPERVISORS OF RESIDENCE HALLS

VIRA M. HETTLER.....	<i>Phillips Hall</i>
MARY BELLE CARMAN.....	<i>Zeta Tau Alpha</i>
.....	<i>Gateway Hall</i>
GRACE HINE (MRS.).....	<i>Alpha Xi Delta</i>
BESS MAGEE (MRS.).....	<i>Phi Mu</i>
ETHEL D. METZNER.....	<i>Kappa Delta</i>
MARGARET WILSON (MRS.).....	<i>Point Breeze</i>

STUDENT HEALTH SERVICE

EDGAR WADE MAHAN, M. D.....	<i>College Physician</i>
A. B., Bethany College; M. D., University of Maryland.	
CATHERINE SPRINGER, R. N.....	<i>College Nurse and Supervisor of Infirmary</i>
.....	<i>Associate Nurse</i>
NANCY BELLE STEALEY, R. N.....	<i>Part-Time Associate Nurse</i>

OFFICE OF DIRECTOR OF ADMISSIONS

VINA ADAMS BAIRD (MRS.).....	<i>Administrative Assistant to Director of Admissions</i>
A. B., Bethany College.	

OTHERS ON ADMINISTRATIVE STAFF

HELEN FAIR (MRS.).....	<i>Secretary to the Business Manager</i>
.....	<i>Secretary to the Dean of Students</i>
MARGUERITE FIELDS (MRS.).....	<i>Secretary to the President</i>
HELEN RITTERBUSCH (MRS.).....	<i>Secretary to the Dean of Faculty</i>
BETTY R. SCHULZ (MRS.).....	<i>Secretary to Manager of Food Service</i>

COMMITTEES OF THE FACULTY

ADMISSIONS AND CLASSIFICATIONS

Mr. Kirkpatrick, Chairman; Miss Belt, Mr. McKenzie, Mr. Hauptfuehrer, Mr. Weimer.

ATHLETICS AND PHYSICAL RECREATION

Mr. Brown, Chairman; Mr. Fuoss, Mr. Knight, Miss Reed, Mr. Roberts.

CALENDAR AND ACTIVITIES

Miss Tyler, Chairman; Mr. Artley, Mr. Kirkpatrick, Mr. Knight, Mr. McCormick.

CHAPEL

Mr. Booth, Chairman; Mr. Conklin, Mr. Hauptfuehrer, Mr. Hettler, Mr. Tye.

COLLEGE MEMORABILIA AND CAMPBELL MANSION

Mr. Green, Chairman; Mr. Behymer, Mr. Evans, Mr. Shaw, Mrs. Woolery.

CONVOCATION

Miss Woods, Chairman; Mr. Artley, Mr. Behymer, Mr. Bluem, Mr. Young.

DRAMA AND RADIO

Mr. McCormick, Chairman; Mr. Allen, Mr. Bluem, Mr. Kirkpatrick, Mr. Roberts.

FACULTY WELFARE AND SECURITY

Mr. Leitch, Chairman; Mr. Kyler, Miss McGuffie, Mr. McKenzie, Mr. Shaw.

GANS AWARD

Mr. Weimer, Chairman; Mr. Allen, Miss Belt, Mr. Brown, Mr. Roberts.

HONORS

Mr. McKenzie, Chairman; Mr. Kirkpatrick, Mr. Paustian, Miss Tyler, Mr. Weimer.

LECTURES AND CONCERTS

Mr. Behymer, Chairman; Mr. Draper, Mr. Hauptfuehrer, Mr. Hettler, Miss Tyler.

LIBRARY

Mr. Weimer, Chairman; Mr. Behymer, Mr. Kyler, Mr. McCormick, Mr. Shaw.

MINISTERIAL TRAINING AND GRANTS

Mr. Ice, Chairman; Mr. Booth, Mr. Cramblet, Mr. Green, Mr. Kirkpatrick.

RELIGIOUS LIFE

Mr. Allen, Chairman; Mr. Booth, Miss Geib, Mr. Knight, Miss Tyler.

SCHOLARSHIPS AND FINANCIAL AIDS

Mr. Kirkpatrick, Chairman; Mr. Knight, Miss McGuffie, Mr. Patterson, Mr. Weimer.

TEACHER TRAINING

Mr. Riesch, Chairman; Miss Belt, Miss Mathison, Mr. Shaw, Mr. Sneary.

FACULTY COUNSELORS

FOR FRESHMEN

Mr. Allen, Miss Belt, Mr. Conklin, Mr. Hauptfuehrer, Mr. Hettler, Mr. Kirkpatrick, Mr. Knight, Miss Mathison, Mr. McCormick, Miss McGuffie, Mr. McKenzie, Mr. Roberts, Miss Tyler, Mr. Weimer, Miss Woods, Mr. Young.

FOR FIELDS OF CONCENTRATION

<i>Applied Mathematics</i>	MR. TYE
<i>Biology</i>	MR. WEIMER
<i>Business Administration</i>	MR. KYLER
<i>Chemistry</i>	MR. BROWN
<i>Comparative Literature</i>	MR. MCKENZIE
<i>Economics</i>	MR. KYLER
<i>Education</i>	MR. RIESCH
<i>English</i>	MR. MCCORMICK
<i>History and Political Science</i>	MR. SHAW
<i>Journalism</i>	MR. ROBERTS
<i>Mathematics</i>	MR. TYE
<i>Merchandising</i>	MR. KYLER
<i>Modern Languages (French, German, Spanish)</i>	MR. MCKENZIE
<i>Music</i>	MR. HAUPTFUEHRER
<i>Personnel Administration</i>	MR. KIRKPATRICK
<i>Physical Education</i>	MR. KNIGHT
<i>Physics</i>	MR. ALLEN
<i>Pre-Medical</i>	MR. WEIMER
<i>Psychology</i>	MR. LEITCH
<i>Public Relations</i>	MR. ROBERTS
<i>Religion</i>	MR. BOOTH
<i>Religious Education</i>	MR. BOOTH
<i>Sociology</i>	MR. PAUSTIAN

FOR OTHER CAREER INTERESTS

<i>Dentistry</i>	MR. WEIMER
<i>Engineering</i>	MR. ALLEN
<i>Government</i>	MR. YOUNG
<i>Law</i>	MR. SHAW
<i>Library</i>	MR. BEHYMER
<i>Nursing</i>	MISS TYLER
<i>Radio and Drama</i>	MR. BLUEM
<i>Recreational Leadership</i>	MR. KNIGHT
<i>Social Work</i>	MR. PAUSTIAN
<i>Teaching</i>	MR. RIESCH
<i>Veterinary Medicine</i>	MR. WEIMER

FOR SPECIAL SERVICES

<i>Gans Fund Grants</i>	MR. WEIMER
<i>Fellowships and Scholarships</i>	MR. KIRKPATRICK
<i>Fulbright Grants</i>	MR. KIRKPATRICK
<i>Foreign Study</i>	MR. MCKENZIE
<i>Ministerial Training</i>	MR. ICE
<i>Selective Service</i>	MISS BELT
<i>Social and Recreational Activities</i>	MISS TYLER
<i>Vocational Information and Guidance</i>	MISS FLETCHER

The College

HISTORY

The first educational venture undertaken in the vicinity of what is now Bethany was inaugurated in his own home in 1818 by Alexander Campbell. He was assisted in this undertaking by his father, Thomas Campbell, who had been a preacher and a teacher in Ireland for twenty years before coming to America and to Western Pennsylvania in 1808. Buffalo Seminary, as it was called, was closed in 1823 and the Campbells turned their attention to other concerns. Both men were engaged in advocating a return to the teachings and practices of the Apostolic Church as a practical basis for Christian unity. Though busily engaged as preacher, editor and publisher, as debator in defense of his religious beliefs, as representative of his section of western Virginia in the Constitutional Convention at Richmond in 1829, and as a successful and prosperous farmer, Alexander Campbell never lost his interest in education.

In 1839 he announced his plan for "A New Institution" in which the College was to be the third stage of a sweeping program for the complete education of the individual. Convinced that the formation of moral character should be the chief goal in education, and perceiving the deficiency of trained teachers and preachers, he decided to devote his own abilities and resources to such training as a college would afford. Throughout the rest of his life, the College was chief among his various concerns and interests.

On March 2, 1840, by act of the Assembly of Virginia, a charter was granted to the Trustees of Bethany College which authorized the establishment of Bethany College as "a seminary of learning for the instruction of youth in the various branches of science and literature, the useful arts, agriculture, and the learned and foreign languages."

The trustees of the college named Mr. Campbell as its first president and directed him to secure a faculty and to formulate a plan of instruction for the institution. They had strong convictions that the spirit of the institution should be altogether non-sectarian, and at a special meeting of the Board held in Bethany the day before the first students were to enroll at Bethany College they took the following action:

"That Thomas Campbell be requested (in the absence of the President) to attend to the morning worship and prayer and the moral and religious instruction of the students, and that in the religious instructions of the youths in this college no sectarian or denominational doctrines are to be imparted."

Nevertheless, they were equally convinced of the necessity for an undergirding of moral instruction, and the Bible was made a textbook for class instruction.

On October 21, 1841, the first academic session of the college opened with one hundred and two students in attendance from nine states, an indication of the prestige and influence of the founder of the new institution. The first faculty consisted of Mr. Campbell and four others, two of whom were to be identified with the College for many years. Robert Richardson, Professor of Natural Science and physician for the college community, was co-editor with Mr. Campbell in many of his publishing ventures and became the author of a two-volume biography of Alexander Campbell. William K. Pendleton, Professor of Natural Philosophy and Physical Science, became the second president of the College following the death of Mr. Campbell in 1866, which office he held till 1887.

The faculty of the College envisaged a college of great usefulness for the training of thoughtful leadership in business and the professions as well as the church. They set for the College a fine tradition of liberal scholarship and standards of excellence in accomplishment and personal living. Since its early days, the College has undertaken to give training for professional and public service, and to stand for scholarly work in the liberal arts and sciences.

Women were not regularly admitted to the College until 1881, but since that time the College has been co-educational in all departments. Today women number about forty per cent of the student body.

In the twentieth century, under the able leadership of Thomas E. Cramblet and Cloyd Goodnight, the College has had a steady growth in size, facilities, endowment, scope of instruction, and academic recognition. This progress has been continued under the present administration.

LOCATION

Bethany College is located in the village of Bethany, an incorporated town in the northern panhandle of West Virginia. It is seven miles southeast of Wellsburg, the county seat of Brooke County, on West Virginia Route 67, and fifteen miles northeast of Wheeling on West Virginia Route 88. It is forty-five miles southwest of Pittsburgh, Pennsylvania and may be reached by auto from that city by Pennsylvania Route 28 and West Virginia Route 88 or by U. S. Route 19 to Washington, Pennsylvania and Pennsylvania Route 31 and West Virginia Route 88.

Frequent bus service between Wellsburg and Bethany connects with service north and south from Wellsburg on West Virginia Route 2 to Steubenville, Ohio and Wheeling, West Virginia.

Bethany is reached by trains on the Pennsylvania Railroad to Steubenville, Ohio and then by bus to Wellsburg and Bethany or by the Baltimore and Ohio Railroad to Wheeling and then by bus to Wellsburg and Bethany. Through Pullman service to Wellsburg is

available from New York City via the Pennsylvania Railroad on the Wheeling Sleeper.

Good connections and facilities for air travel are available to the Wheeling Airport which is ten miles from the College. All American Airways, Capital Airlines, and Trans World Airlines provide convenient service to Wheeling Airport from all parts of the country.

ACCREDITING AND MEMBERSHIP

Bethany College has been fully approved by regional and national accrediting agencies for many years. Originally a member of the Southern Association of Colleges and Secondary Schools, it has been a member of the North Central Association of Colleges and Secondary Schools ever since that Association accepted jurisdiction over educational institutions in West Virginia. For more than twenty years Bethany appeared on the list of institutions approved by the Association of American Universities and was on the last list published by the Association. It is an associate member of the Association of American University Women and graduates of the College are eligible for membership in the association.

Bethany College is recognized by the Departments of Education of West Virginia and other states as an institution for the training of elementary and secondary teachers.

Bethany College is a member of the Association of American Colleges, the American Council of Education and is affiliated with the Board of Higher Education of the Disciples of Christ.

CHRISTIAN PURPOSE

Bethany College is a Christian college concerned with the development of Christian ideals and purposes. The total educational program of the college is presented in the light of the Christian heritage and against the background of a rich and lengthening tradition of Christian service.

Specific ways in which this point of view is made a part of the student experience are indicated in the section of this catalogue on Student Organizations and Activities. Every effort is made to make the moral and religious life of the college community as helpful as possible.

The College aims to conserve, create, and deepen the Christian character of its students and to make students aware of the rich tradition of Christendom, especially in Biblical Literature.

Facilities

CAMPUS

The college campus, of some sixty acres, is located entirely within the corporate limits of the town of Bethany. On the crest of the hill overlooking the town the academic buildings, the library, the main dormitory for women, the women's gymnasium, and some housing units are located. On the east slope of the main campus are the student center, the infirmary and the dormitory for freshmen men. The western part of the campus contains the field house and recreational areas for both men and women.

The college lands include about seven hundred acres of farm and timber land adjacent to the campus area and available for use by the students. These include the Point Breeze Farm, the Parkinson Oaks, the Parkinson Woods and other properties. Nature trails and picnic areas have been developed in these tracts. Part of the area is used as a summer camp by the Fort Steuben Council of the Boy Scouts of America.

BUILDINGS

Old Main, the central unit of the academic buildings of the College, was built in 1858 to replace the original building which had been destroyed by fire the previous year. The Tower at the center of this building dominates the campus and the town and is the chief architectural feature noted as one approaches the College. This building contains certain of the offices of the College and classrooms for most of the departments of instruction.

Commencement Hall forms the southern unit of the academic group. It was part of the building as planned in 1858 but was not completed until 1872. This building was completely modernized in 1924 and provides the setting for chapels, convocations, concerts, dramatic presentations and other gatherings of a general nature. Studios and classrooms for the Department of Music are located on the ground floor of this building.

Oglebay Hall, the northern unit of the academic group, dedicated in 1912, bears the name of the donor, the late Earl W. Oglebay of the class of 1869. It replaced the original structure built in 1858 and known as Society Hall. The building accommodates the Departments of Chemistry and Biology, special research laboratories, and the offices of the President and Dean of the Faculty.

The Carnegie Library stands on the crest of the hill south of Commencement Hall. This building, built in 1908, was a gift to the College by Mr. Andrew Carnegie.

The Irvin Gymnasium was a gift to the College, in 1919, of members of the Irvin family of Big Run, Pennsylvania. It was the physical education center for all members of the student body until

1948. Since that time it has served as the center of physical education for women. The swimming pool in this building is used by both men and women. The women's athletic field and recreational facilities are adjacent to this building.

Phillips Hall is the central building for women students. This modern dormitory was built in 1929 and replaces the original Phillips Hall which was a gift of Mr. Thomas W. Phillips in 1890. In addition to dormitory accommodations, it contains the dining room for women, drawing room, loggias, guest rooms and accommodations for administrative personnel.

Cochran Hall was a gift to the College in 1910 by Mr. Mark M. Cochran of the class of 1875 as a memorial to his son Percy B. Cochran of the class of 1900. This building was modernized and refurnished in 1946.

The Bethany House was completed in 1948 as a student center and dining hall for men. It is located at the lower entrance to the campus. The lower floor, designated as the Bee Hive, provides an informal social center with juke box, television, ping pong tables, snack bar, and the book store. This area is operated by the College Stores for the convenience of the students. The middle floor contains rooms for club meetings, private group dinners, etc. The upper floor is the dining room area.

Gateway Hall is located near the upper gates to the campus. It is an attractive and homelike dormitory for upperclass women.

The Alumni Field House, built in 1948, provides physical education facilities for men. The main room is 120' by 140' with a basketball floor 80' by 96' and will accommodate two thousand spectators at athletic contests. This building was built by gifts from alumni, former students and friends of the college.

The Rine Recreation Fields are being developed as a memorial to Mr. Edwin M. Rine, friend and benefactor of the College. The Rine Fields are adjacent to the Alumni Field House and include regulation football and baseball fields, a quarter mile cinder track and an athletic field for use of college women.

Pendleton Heights is situated on the north side of the main campus. It was built in 1841 by William K. Pendleton, a member of the first faculty and second president of the College. It was acquired by the College in 1889 and used as a dormitory until 1901. Since that time it has been used as the home of the President of the College.

Point Breeze Hall, located west of the Rine Fields, is operated by the College as a dormitory for upperclass men.

The Infirmary is located on Main Street opposite to the Bethany House. It contains the office of the College Physician, treatment and examination rooms and small wards for men and women.

Fraternity Houses. Four national fraternities for women and five national fraternities for men operate houses in Bethany and

provide dormitory and social facilities for their members. All students of the College are expected to board in the College dining halls.

Supplementary Housing Units. Additional housing accommodations for men are provided by several supplementary housing units, five of which are located on the main campus. Upperclass men may live in approved private dwellings in the village.

Cochran Heating Plant furnishes heat to all buildings on the main campus. It was a gift of Mr. Mark M. Cochran in 1910.

Faculty Office Building was erected north of Oglebay Hall and given to the College in 1947. Of semi-permanent construction, it provides offices and seminar rooms. The art studio is located on the first floor.

The Outdoor Chapel located on the slope of the hill at the north end of the campus is used for Commencement Exercises and other appropriate gatherings. This area was developed in cooperation with church groups in Pennsylvania and West Virginia for use at vesper services at young people's summer conferences.

LIBRARY

The College library, containing approximately 51,000 volumes of carefully selected books and periodicals occupies a central place in the Bethany life of every student. Supplementary services include microfilm files, microcards, readers, linguaphone recordings, recordings for work in speech and literature, a circulating art collection, and a music library of recorded albums of symphonies, concertos and operas.

The library receives approximately 350 periodicals, covering subject fields offered by the College, and including fifteen metropolitan dailies and several foreign language papers.

Through a program instituted by the Carnegie Library of Pittsburgh the Carnegie Institute of Technology, and the University of Pittsburgh, all the facilities of these libraries and twelve cooperating colleges in Western Pennsylvania are available to students and faculty.

Several personal libraries and collections have been received by the College and have been made a part of the College library. The principal parts of the libraries of Alexander Campbell, Robert Richardson, Miss A. C. Pendleton, Archibald McLean, W. S. Priest, Levi Marshall, Miss Mary I. Nichols, R. H. Wynne, Cloyd Goodnight, M. M. Cochran, Mrs. Anna Ruth Bourne, Clarence A. Hanna, Miss Florence M. Hoagland, and E. Lee Perry are among these.

Valuable early literature of the Disciples of Christ has come from Samuel Lindsay, Buffalo, New York; from Rev. W. S. Good of Youngstown, Ohio; from Miss Ellen Thomas of Augusta, Georgia; from Rev. Ben S. Ferral of Buffalo, New York, and others.

Material related to the Disciples of Christ, together with papers and publications of historical importance to Bethany College, have been brought together in the Alexander Campbell Room located on the third floor of the library.

Special funds have been established by Anna Ruth Bourne, and Galin Campbell Hartman, the income of which is designated for use in purchasing books for the collections.

LABORATORIES

The biology laboratories and seminar room, located in Oglebay Hall, provide instructional equipment for courses in general biology, plant morphology and physiology, bacteriology, comparative anatomy, embryology and histology. Special laboratories and facilities are available for advanced students conducting independent studies.

Laboratories of the Department of Chemistry occupy the second and third floors of Oglebay Hall. They consist of a general laboratory, an analytical laboratory, and a laboratory for organic and physical chemistry. There are also two minor research laboratories, a spectroscopic laboratory, chemical storerooms, and a small machine shop. Special laboratories and facilities are available for advanced students conducting independent research. The balance room equipped with chain balances is furnished and maintained by the Hammond Bag and Paper Company.

The laboratories in the Department of Physics are on the first floor of the Main Building. Laboratories for elementary and advanced courses are available. The College possesses apparatus for work in the fields of radio, electronics, astronomy, spectroscopy and radioactivity, and is licensed to operate short-wave radio station W8PME.

The laboratory of the Department of Psychology is located in the Main Building, adjoining the psychology lecture rooms. Equipment is available for work in experimental psychology, mental measurements, and some phases of applied psychology.

MUSIC

The studios and practice rooms of the Department of Music include modern sound equipment in addition to pianos and a two-manual Teller-Kent pipe organ. The pipe organ in the Bethany Memorial Church is also available to students of music.

DRAMATICS

The theatre workshop is located in Old Main, adjacent to Commencement Hall. It provides the facilities and opportunities for student casting, directing and play production.

RADIO AND SPEECH

The radio work shop, located on the lower floor of Old Main, provides opportunities for rehearsal, recording, transcription and broadcasting by individuals and groups. Station WWBN a student long wave broadcasting station operating on the principle of carrier current has operated from these studios.

RESOURCES

The gross assets of Bethany College at the end of the fiscal year in June, 1951, total \$5,575,309. In the assets, Endowment Funds are listed at a book or gift value of \$3,123,018 and College Plant and Equipment is listed at a cost value of \$2,298,573. Other assets include loan funds, agency funds and miscellaneous items.

The College recognizes, with appreciation, the gifts of funds which not only provide lasting memorials for individuals and families but also make possible the program of a private college of quality.

The expenses of the College are met only in part by payments of students. The balance is provided by income from endowment funds and by gifts. The private college depends upon the continued support of those who believe in its program.

The Named Endowment Funds of the College include the following:

M. M. Cochran Endowment of President's Chair	\$100,000
M. M. Cochran General Endowment	500,000
M. M. Cochran Endowment of 1923	300,000
M. M. Cochran Special Trusts	805,000
T. W. Phillips, Sr. Chair of Old Testament	30,000
Sarah B. Cochran Chair of Philosophy	25,000
Moninger Memorial Bible Chair	25,000
George T. Oliver Chair of History	50,000
R. A. Long Chair of Mathematics	50,000
T. W. Phillips, Jr. Endowment	60,000
Anna Louise Helwig Endowment	32,000
Men and Millions Endowment	66,000
Robert MacDougald Endowment	5,000
E. M. Rine Trust (to date)	270,000
Wilson Beall Memorial Fund	20,000

Named Funds for Scholarship purposes are listed in the chapter on Scholarships and Financial Aids.

The Bethany Program

The dominant tone in the instructional activities at Bethany College is an emphasis upon the common adventure of students and instructors in learning and living. The college experience is interwoven with opportunities for exchanging ideas, for giving and absorbing inspiration, and for all kinds of cordial faculty-student relationships. The instructional and guidance plan of the College makes it possible to work with students as individuals and to make allowances for differences in experience, attitudes and interests.

STUDENT GUIDANCE

Bethany College recognizes the need of giving its entering students an introduction to their work in new surroundings, and requires freshmen to come to the campus several days before the formal registration of other students. Orientation and evaluation days are devoted to efforts to introduce the students to the College and, at the same time, to introduce the College to the students.

Freshman orientation and evaluation activities include placement and achievement tests, which enable the faculty counselors to place the student in the classes for which he is best fitted, and also to counsel with him better on the basis of more individual information.

From the beginning of his college career each student has a Faculty Counselor. After the freshman year the Counselor is normally a faculty member whose special academic interests approximate those of the student. The student has unusual opportunities to be in frequent contact with his Counselor, and reports of accomplishment and difficulties can be made directly to him.

The student-counselor relationship, concerned with the student's personal and educational development, occupies a significant place in the college plan. So far as possible it replaces detailed faculty regulations with an individualized program aiming at continuity and personal attention. These counselors, while ministering to all the needs of the student, have as their most important function the interpretation and presentation of valid educational objectives.

The Faculty Counselor is concerned with the student's selection of courses, his academic progress, standards of conduct, vocational plans and objectives, and recreational and social expression.

The chief officer in charge of student guidance, student welfare, and the coordination of all student personnel administration is the Dean of Students. Members of his staff are available for help in career guidance, social adjustments, financial problems, plans for graduate or professional study, or personnel analysis.

INSTRUCTIONAL DIVISIONS

The college curriculum and general plan of instruction recognize a lower division and an upper division; the former represents

the freshman and sophomore years, and the latter the junior and senior years. The work in the lower division emphasizes what is usually called a "general education," and it represents the undergirding of the student's cultural and academic experience. It assumes that the student should become familiar with different fields of knowledge and that the program of general education offered in higher institutions should be essentially a continuation of the program of general education undertaken in the secondary school.

Lower Division

In the first two years it is expected that the student will discover the area of human achievement in which he possesses some marked and sustained interest and ability. During these two years, there are frequent conferences between the student and his counselor on the progress in courses, projects of study undertaken and total adjustment in academic, vocational and social matters.

The student usually completes the specific course requirements for graduation in the lower division.

A general survey examination is given at the end of the lower division work. Results of these examinations are used for educational guidance.

Upper Division

In the upper division students work under a Faculty Senior Counselor in his chosen Field of Concentration. The teaching procedures and materials give emphasis to individual initiative and concentrated work. As far as possible the student's work is library and laboratory centered.

Extensive reading, problems, and seminars are regular procedures in upper division instruction. The development of an ability to form thoughtful judgments and evaluations, the "attitude of the searcher," and sustained intellectual interests, are a part of the instructional aims at this level.

Field of Concentration

A large part of the student's program in the upper division will center about the field of concentration and its related fields. The core subject of the field may be confined to the work of a single department, or may embrace work in two or more departments. The work is planned and administered as a unit under the direction of the Senior Faculty Counselor.

Health

The College recognizes its responsibility for the physical well being of its students and undertakes to provide adequate facilities and procedures to safeguard their health. Especial attention is given to the prevention of illness or accident as well as to treatment and cure.

THE COLLEGE INFIRMARY

The College Infirmary, in charge of the College Nurse and her assistants, is open while the College is in session. It includes the physician's office, dispensary, treatment rooms, medicine room, and small wards for men and women.

The College Physician is at the infirmary each day for consultation, examination, and treatment without charge. Students may not call to request nursing services outside the infirmary.

DISPENSARY

Each student is expected to report to the college dispensary in case of illness of any kind. The Head of Residence in any college facility should be advised at once if a student is ill and unable to report to the dispensary. In the case of contagious or infectious disease, students will be expected to give absolute observance to any regulations which may be prescribed by the college officers or public health officials.

Arrangements can be made for vaccinations, cold serums and special treatments at the college dispensary. No extensive medical or surgical procedures are carried out at the infirmary, but all minor ailments will be cared for, and some medicines will be supplied.

EXAMINATION AND TREATMENT

All students registering for the first time at Bethany receive a thorough physical examination and may be required to follow recommendations of the College Physician.

When medical care is needed outside the infirmary, advisory assistance in securing outside services will be given but the expense of such treatment must be paid by the student.

Students are free to employ either the College Physician or a physician of their own choice in any case of illness. Well-trained physicians are available in Wellsburg and Wheeling.

HEALTH COURSE

Instruction in health is offered in the classroom. A course in personal hygiene or its equivalent is required of all students, preferably in the lower division.

INFIRMARY CARE

In case of need each student is entitled to three days per semester of resident care in the infirmary with no additional charge. For periods in excess of this time, a charge of \$2.00 per day is made. Students not boarding in college dining halls will be charged \$2.00 per day for board during the period of hospitalization beginning with the first day of confinement.

STUDENT HEALTH INSURANCE

The Student Health Service is not designed to cover accident or serious illnesses requiring special medical or surgical treatment or hospitalization. The College therefore makes available to its students and their parents medical, surgical and hospitalization insurance to afford reasonable protection for those cases which exceed the benefits and services extended by the College Infirmary. All students are urged to purchase this or similar coverage. The cost is \$6.00 per semester and may be included in the college invoice.

COST OF SERVICES

The cost of Dispensary and Infirmary services is covered by a portion of the General Fee. Direction of the Health Service program is under the supervision of the Dean of Students.

College Costs

Bethany College is a non-profit institution. Tuition, fees and other general expenses paid by the student cover approximately two-thirds of the College's instructional and operating expenses. The balance needed to meet the instructional and general expenses of the College comes from income of endowment funds, and from gifts and contributions from alumni and friends of the College.

Charges in residence halls and dining rooms are planned to cover the actual cost of operating these facilities.

Bethany College has always been known as a college of moderate costs. It purposes to continue to keep the cost to the student as low as possible consistent with the maintenance of adequate facilities and competent instruction.

ESTIMATED EXPENSES FOR A SEMESTER

For essential campus expenses, exclusive of such personal items as clothes, travel and amusements, and books, a student should budget from \$510. to \$550. a semester.

<i>Tuition</i>	\$225.00	
<i>Room</i>	70.00	to \$ 90.00
<i>Board</i>	185.00	
<i>General Student Fee</i>	25.00	
<i>Total</i>	\$505.00	to \$520.00

The College is required to collect the West Virginia Sales Tax of 2% on published charges for room and board.

The College reserves the right to change the price for board without advance notice.

TUITION AND GENERAL FEES

The tuition for each semester is \$225.00 for fifteen academic hours or less. For each academic hour in excess of fifteen an additional charge of \$15.00 is made. No reduction is made in student accounts for course changes made after the first two weeks of the semester. Tuition for students carrying less than twelve hours is \$17.00 per semester hour.

By action of the Board of Trustees members of the families of home and foreign missionaries actively in service are allowed free tuition for regular academic work at the College.

General Student Fee

The General Student Fee of \$25.00 per semester covers activities and services as follows: Athletics, Health Service, Library, Lectures, Concerts, and Student Activities. The Student Board of Governors receives a portion of this fee and is responsible for the program and budgets of the Social Committee and the Student Board of Publications and appropriates money to the support of a wide variety of student activities.

Application for Admission

All applications for admission should be made to the Director of Admissions on forms supplied by the college. A preliminary application form will be found at the end of this catalogue. A \$5.00 fee is required at the time formal application is made.

Application for Readmission

Students who have been previously enrolled in Bethany College who wish to return for additional college work must file an Application for Readmission with the Director of Admissions. A \$5.00 fee is required at the time such application is made.

All applications for admission or readmission are reviewed by the Faculty Committee on Admissions and Classifications and notice of action taken is sent directly to the applicant.

Registration Deposit

Upon acceptance for admission or readmission a Registration Deposit of \$25.00 is required of all students. This is refundable until June 15 (December 20 for second semester)—or within two weeks of acceptance, if an applicant is accepted after this date—upon written notice of withdrawal, addressed to the Director of Admissions. This deposit is applied on the student's account at the beginning of the second semester of the college year.

For students already registered in Bethany College and planning to continue the following year, advance registration is held early in May with payment of a Registration Deposit of \$25.00 due on or before May 5. This is refundable up to June 15 for fall registration and up to December 20 for those not planning to return for the second semester.

Freshman Orientation and Evaluation Fee

A fee of \$10.00 is charged to cover the costs of freshman orientation, and for board and room for the days at the beginning of the semester known as Freshman Orientation and Evaluation Days. Freshmen will report on Sunday, September 16, 1951, and the Freshman Orientation Fee is payable on the following day.

WITHDRAWAL

A student wishing to withdraw from Bethany College must file written notice with the Dean of Students to qualify for refunds of deposits and adjustment of other charges.

REFUNDS

In case a student withdraws from college during the semester, tuition, board and room rent are refunded on a pro rata basis, figured to the end of the week in which withdrawal takes place. Scholarships and grants are not applied on the accounts of students

who withdraw before the end of the semester. Special fees and the General Student Fee are not refunded.

RESIDENCE FACILITIES

All members of the freshman class are regularly required to live in college supervised dormitories. Students beyond the freshman year may choose to live in college dormitories, fraternity or sorority houses, or in the case of men, in approved private homes in the town of Bethany.

Cochran Hall is the dormitory for freshman men, with single and double rooms available at a rental of \$85.00 and \$90.00 per semester. Point Breeze Hall is a dormitory for men beyond the freshman year with single and double rooms available at a rental of \$80.00 per semester. The College maintains several supplementary dormitories arranged in suites for occupancy by upperclassmen. These facilities are available at a rental of \$70.00 per semester.

Phillips Hall is the dormitory for freshman women with a limited number of rooms for upperclass students. Single and double rooms are available at a rental of \$85.00 and \$90.00 per semester.

Gateway Hall is reserved for upperclass women and has single and double rooms at a rental of \$85.00 and \$90.00 per semester.

Students living in college operated dormitories are expected to furnish curtains, bed linen, blankets, bedspreads, pillow, towels, study lamps and rugs. They are expected to care for their own rooms and to keep them clean and in good order at all times.

Guarantee and Breakage Deposit

All students reserving accommodations in college dormitories must make a \$10.00 room guarantee and breakage deposit. This deposit is refundable, less breakage charges, at the end of the college year of occupancy. If the room is vacated prior to the end of the college year the guarantee deposit will not be refundable. However, if notice of withdrawal is given prior to June 15, as described above, the room deposit of \$10.00 will likewise be refunded.

Linen Service

For the convenience of the student there is available a commercial linen service, supplying at fixed fee per semester, sheets, pillow cases, and towels each week while the College is in session.

Operation of College Halls

Room assignments in all college dormitories are made for the academic year. Cancellation and refund procedures are explained elsewhere.

Room assignments for upperclassmen are made in the order of class membership, supplemented by the drawing of lots. Requests for change of assignments are handled for men by the Dean of Students;

for the women by the Associate Dean of Students. A new contract is issued at time of change. Failure to clear room changes properly may result in forfeiture of the guarantee deposit.

Residence halls will be open for freshmen for each semester the day before Freshman Week begins and for all other students the day before Registration Day. Residence halls will be closed and students are not expected to stay in Bethany when college is not in regular session.

Bethany College reserves all rights in connection with the assignment, termination of occupancy and reassignment of rooms in all dormitories.

Fraternity and Sorority Houses

Five national fraternities and four national sororities maintain active chapters on the Bethany campus and have dormitory accommodations for a limited number of members.

The four sorority houses are operated under the same rules of supervision and conduct as regular college facilities. All accommodations are available at a rental of \$75.00 per semester.

The maintenance of proper conduct and discipline in the five fraternity houses is a direct responsibility of the Dean of Students. Semester rental ranges from \$70.00 to \$80.00 per semester.

DINING HALLS

All students are required to eat in college dining halls unless excused by the Dean of Students. The charge for Board is figured at the rate of \$185.00 per semester. No refunds are granted for meals missed.

MISCELLANEOUS FEES

Laboratory and Course Fees

These fees are applicable for the specific course listed. They are charged only to students enrolled in such courses.

Art 41, 42, 43, 44, 46.....	\$5.00 per semester
Biology 11, 12, 31, 32, 38, 57, 63, 64, 65, 66, 76, 77, 78.....	\$8.00 per semester
Biology 87, 88, 91, 92 (each hr.).....	\$8.00 per semester
Chemistry 11, 12, 31, 71, 72, 73, 75, 76.....	\$8.00 per semester
Chemistry 87, 88, 91, 92 (each hr.).....	\$5.00 per semester
Chemistry 32, 34, 51, 52.....	\$12.00 per semester
Education 79, 80, 81, 82 (each hr.).....	\$5.00 per semester
Journalism 53, 55, 56, 63, 66, 71, 72, 73, 74.....	\$5.00 per semester

Journalism 91, 92 (each hr.)	\$3.00 per semester
Physics 61, 62, 65, 66, 87, 88, 91, 92 (each hr.)	\$5.00 per semester
Physics 11, 12, 31, 32	\$5.00 per semester
Psychology 61, 62, 64	\$5.00 per semester
Psychology 87, 88, 91, 92 (each hr.)	\$3.00 per semester
Secretarial Training 11, 12, 21, 22	\$5.00 per semester
Speech 61, 62, 67, 68	\$5.00 per semester

Breakage and Guarantee Deposits

These deposits are made to cover actual costs of special services and loss or breakage of material loaned to the student. Unused portions will be refunded.

Biology 44	\$7.00 per semester
Biology 63, 64	\$3.00 per semester
Chemistry 11, 12, 31, 75, 76, 87, 88, 91, 92	\$3.00 per semester
Chemistry 32, 34	\$6.00 per semester
Chemistry 51, 52, 71, 72	\$7.00 per semester
Chemistry 67, 68 (travel)	\$10.00 per semester
Deposit on lock in gymnasium	\$1.00

Music Fees

Private Lessons, one lesson a week	\$30.00 per semester
Private Lessons, two lessons a week	\$55.00 per semester
Instrumental Rental	\$5.00 per semester
Organ Practice, one hr. each day	\$20.00 per semester
Piano Practice, one hr. each day	\$5.00 per semester
Piano Practice, three hours per week	\$3.00 per semester

Other Special Fees

Application Fee for all new students	\$5.00
(This fee must be paid before any action is taken on application for admission)	
Application Fee for all former students	\$5.00
(This fee must be paid before any action is taken on application for admission)	
Advance Registration Fee	\$25.00
(This fee is applied on second semester account)	
Auditing a course, per semester hour	\$5.00
Comprehensive Examination	\$25.00
(For students not in residence or for special examination)	

Each academic hour when less than twelve.....	\$17.00 per semester
Each academic hour in excess of fifteen.....	\$15.00 per semester
Each change in registration after first two weeks.....	\$1.00
Freshman Orientation Fee.....	\$10.00
Graduation and Diploma Fee.....	\$15.00
Health Insurance.....	\$6.00 per semester
Infirmary charge per day.....	\$2.00
(After first three days each semester)	
Late registration.....	\$2.00
(Per day up to three days each semester)	
Guidance and advisement service (pre-college).....	\$10.00 to \$25.00
Special Final Examination in any department or course.....	\$5.00
Special placement or achievement test in any department.....	\$5.00
Transcript fee for transcript or copy of academic record.....	\$1.00
(After first issue)	

Payment of Accounts

At the time of registration an invoice will be prepared for each student, listing all charges due the College for the semester. The total amount shown on the invoice is due and payable on Registration Day. The student is not considered to be registered until such payment is made or until satisfactory arrangements are completed as described below. All accounts are payable to the Bursar of Bethany College.

Upon request and with the approval of the Business Office a period of two weeks following Registration Day may be allowed to complete payment of the invoice. Each student is required to make a minimum cash payment of \$50.00 on or before Registration Day. This is in addition to the Registration Deposit. In case the total of the invoice is less than \$50.00, the full amount is to be paid.

DEFERRED PAYMENTS

Monthly Payment Plan

The College has made arrangements with The Tuition Plan, Incorporated, whereby student accounts may be paid on a monthly basis during the school year. The charge for this service is 4% of the amount financed. It is desirable that arrangements to use this plan be made prior to the registration period. Information and contract forms are available through the Business Office. The contract is completed by the parent or guardian of the student. It should be returned to the Business Office prior to the expiration of the two week period described above in lieu of payment in full of the College invoice.

Carrying Charge on Deferred Payments

When the account has not been properly settled at the end of the two week interval previously discussed, the account is subject to an additional charge of 10% and the student may be denied college privileges until arrangements for handling these matters are completed.

No student will be granted academic credit of any kind in any semester until his financial obligations to the College have been met in full.

STUDENT DRAWING ACCOUNT

The Business Office provides a limited banking service whereby students may deposit funds and draw on them as required. Either students or their parents may make deposits to the student's drawing account. There is no charge for this service and its use is recommended. This avoids the necessity of the student keeping on hand any substantial amount of money.

Scholarships and Financial Aids

Bethany College provides financial assistance to promising and deserving students through scholarships, grants and loans to the extent that aid funds permit. These awards are made by the Committee on Scholarships and Financial Aids on the basis of scholarship, character, citizenship and need.

Candidates for admission to the freshman class who wish to apply for financial aid should make such application in writing to the Director of Admissions as early as possible. Awards to new students will be made only after the student has been accepted for admission.

Upperclassmen should make applications in writing to the Dean of Students before the end of the current academic year.

SCHOLARSHIPS

Scholarships at Bethany College are of four kinds: Competitive Examination, Honor, Alumni Regional, and Award of Merit. Such awards are for the benefit of qualified students who may not be able to meet college expenses without such help. The Committee makes awards on the basis of academic accomplishments, constructive participation in college activities, and general deportment.

The yearly stipend that goes with each scholarship award is applied on the tuition charge on the basis of one-half for the first semester and one-half for the second semester.

General Regulations

Students will be eligible to receive only one award. Students qualifying for more than one must select the award which they prefer to accept. Most scholarships are awarded to freshmen on a four-year basis but they are subject to review and cancellation at the end of each year. They are continued from year to year only if the recipient has met the following conditions:

1. His scholarship index must average 2.50 in each academic year.
2. His financial obligations to the college must be met promptly.
3. His influence in the student body should be, in every sense, wholesome and helpful.
4. He shall make a worthwhile contribution to the life of the college and the college program.

It is understood that the following reasons will operate to cancel any particular scholarship award at the end of any academic year:

1. Failure to maintain a scholarship index of 2.50.
2. Serious academic censure for any cause.

3. Unsatisfactory deportment.
4. Withdrawal from college.
5. Failure to contribute in a constructive manner to college activities.

When a scholarship has been cancelled for any cause, it can not be awarded again to the same student.

Competitive Examination Scholarships

Early in the spring the College holds a competitive scholarship examination for seniors in high schools and preparatory schools and scholarships are awarded to students making top scores on the examination. Scholarships of \$1,200, to be applied on tuition at the rate of \$150 each semester for four years, are awarded to the five men and the five women making the highest scores. The next ranking ten men and ten women receive \$800 awards to be applied on the tuition at the rate of \$100 each semester for four years. The recipients of these scholarships are subject to all the general rules governing scholarships as listed above.

Honor Scholarships

A limited number of scholarships are awarded to entering freshmen students who rank in the highest honor group of their secondary school graduating class. These provide a stipend of \$800 to be applied on tuition at the rate of \$100 per semester for four years. The recipients of these scholarships are subject to all the general rules governing scholarships as listed above.

Alumni Regional Scholarships

Alumni Regional Scholarships are awarded to college men of unusual ability upon recommendation of alumni groups in various districts after review by the Committee on Scholarships and Financial Aids. These scholarship awards are for the amount of \$1,200 applicable on the tuition account of the student at the rate of \$150 per semester for four years.

To be eligible for one of these awards, the student must be in the upper quarter of his high school or preparatory school graduating class; he must have demonstrated interest and ability in extra-curricular activities by active participation; he must be well recommended by responsible secondary school officers; he must have the endorsement of five alumni of Bethany College in his area. The recipients of these scholarships are subject to all the general rules governing scholarships as listed above. Students in college will be considered in special instances on the basis of accomplishments and citizenship in college. Such awards will be at the rate of \$150 per semester. The total number of Alumni Regional Scholarship Awards is limited to fifteen.

Awards of Merit

A limited number of scholarships varying in amount from \$400 to \$600 are awarded for a period of four years to entering freshmen and on a pro rata basis to upperclassmen who would not be able to attend college without such financial help. These awards are based upon the applicants' academic achievements and general school citizenship as well as financial need.

DEPARTMENTAL FELLOWSHIPS

Certain members of the junior class are designated as Senior Fellows for the following year. The selection is made only of students who have attained unusual excellence in their major study and who, by character and ability, can do special work in a department as an assistant in instruction and research. The Senior Fellowship carries a small stipend. No more than six Senior Fellowships are awarded in any one year. The selection of Senior Fellows is made by the Committee on Honors from the nominations of the department heads.

MINISTERIAL TRAINING AWARDS

Students who are preparing for full time Christian service in the fields of ministry, religious education, and missions, may be able to get additional financial aid through grants-in-aid that are made possible by contributions from churches and individuals. This program is under the supervision of the Director of Ministerial Training. It is limited to those who are preparing for full time service with the Disciples of Christ. Some financial assistance is available to those preparing for this type of service with other religious groups.

DESIGNATED SCHOLARSHIPS

The College recognizes, with appreciation, the gifts of specially designated funds which not only provide lasting memorials for individuals and families, but also make possible scholarship grants to undergraduates who otherwise would find it difficult to remain in college.

The following scholarships have been especially designated by friends of the College and are part of the total resources available for financial aid to students:

Mary A. Morrison Scholarship—This is a scholarship covering three-fourths of the cost of tuition.

Isaac Mills Scholarship—This scholarship covers a part of the tuition charge, the benefits of which are to be received by a ministerial student.

G. A. Willett Scholarship—This scholarship of \$100 per semester applies on tuition. The student receiving the benefit of the same is to be nominated by a member of the Willett family.

Isaac Brown Scholarship—This scholarship provides \$30 per semester to apply on tuition.

Albert C. Israel Scholarship—This scholarship yields \$20 per semester to apply on tuition of a descendant of Albert C. Israel.

Jennie I. Hayes Scholarship—The income from a fund of \$5,000 is awarded for the purpose of helping students who are preparing for the mission field or the ministry. The students who receive the benefits of this scholarship may be nominated by the donor.

Ida M. Irvin Scholarship—The income from a fund of \$5,000 is awarded to students who have reached the senior year in their college course. The students receiving benefits from this scholarship are to be nominated by the Dean of Students.

Herbert Moninger Scholarship—A scholarship fund of \$2,500 established in memory of Mr. Herbert Moninger, a graduate of the class of 1898. The income is used to aid a student or students preparing for religious education.

Josiah Wilson Scholarship—A scholarship fund in the amount of \$2,500 established by Josiah N. Wilson in memory of Josiah N. and Wilmina S. Wilson. The income is used to aid a student or students preparing for the Christian ministry.

The John H. and Ida H. King Scholarship Fund—The income from a fund of \$17,000 is awarded to students at Bethany College under terms approved by the Trustees of the College in accordance with the will of the donors.

M. M. Cochran Scholarships—Scholarships covering a part of the tuition charge. The students who receive the benefits of these scholarships are to be nominated by the President of the College.

Minnie W. Schaefer Awards—The income from a fund of \$8,000 is awarded to a student or students preparing for definite Christian service.

J. T. Smith Awards—A fund of \$17,000 established by Mr. J. T. Smith of Memphis, Tennessee, the income of which is available for students preparing for the Christian ministry or some other form of Christian service.

William Kimbrough Pendleton Scholarship Fund—A fund of \$20,000 set up by Clarinda Pendleton Lamar in memory of her father, William Kimbrough Pendleton, member of the first faculty and second president of the College (1866-1889), the income of which is available each year to one or more citizens of West Virginia. These awards may be in the form of loans or outright gifts as determined by the Committee on Financial Aids.

Vinson Memorial Fund—A fund of \$1,500 established by Z. T. Vinson, of the Class of 1878, through the Central Christian Church

of Huntington, West Virginia, the income from which is available to students preparing for the Christian ministry.

Florence M. Hoagland Memorial Scholarship — A fund of \$5,000 established by Miss Frances Cables of Woodstock, New Hampshire for the establishment of a scholarship in memory of Florence M. Hoagland, Head of the Department of English and Advisor for Women at Bethany from 1936 to 1946, the income of which is available to students approved by the Committee on Scholarships and Financial Aids.

Perry Scholarship Fund—A fund of \$11,600 established in memory of Professor and Mrs. E. Lee Perry. Professor Perry was a graduate of the College in the Class of 1893, Professor of Latin at the College from 1908 to 1939 and Professor Emeritus from 1939 to 1948. Under the terms of this gift, the income of this fund is to be used to aid students preparing for the Christian ministry.

William H. Vodrey Scholarship—A fund of \$7,500 established by Mr. William H. Vodrey, a member of the Class of 1894, the income of which is to be used to assist a student or students from the area around East Liverpool, Ohio.

Ohio Valley Men's Club Award—To apply on the tuition of one or more men students from the Ohio Valley.

William S. Wilkin Scholarship—An award of \$400 for the year 1951-1952 established by the Men's Class of the Wellsburg Christian Church in memory of William Saylor Wilkin, a graduate of the Class of 1912, a member and for many years Chairman of the Board of Trustees. The award is to be made by the officers of the Class subject to approval of the Committee on Scholarships and Financial Aids.

The Cluss Scholarship—An award in the amount of \$200 for the year 1951-1952 to be made to a citizen of Fayette County, Pennsylvania. This fund was established by members of the Cluss Family of Uniontown, Pennsylvania.

The Gans Fund Awards—A fund of \$50,000, established by Wickliffe Campbell Gans of the Class of 1870 and Emmet W. Gans, in memory of their father and mother, Daniel L. and Margaret Gordon Gans, the income of which is to be awarded to juniors and seniors at Bethany College and to graduates of Bethany College engaged in study and research at Bethany or elsewhere who have shown "evidence of merit and promise in the field of science." Funds so awarded will be available for approved study and research in some specific field.

Rhodes Scholarships—Men who have completed their sophomore year at Bethany College are eligible to compete for the Cecil Rhodes Scholarship, tenable for three years at Oxford University, England. These scholarships are awarded on the combined basis of character,

scholarship, athletic ability, and leadership in extra-curricular activities. Further information may be obtained from the Dean of Students.

Foreign Exchange Fellowships—Each year at least two students direct from foreign countries come to Bethany to study on fellowships provided by the college administration. These students come to interpret their own people and their national culture to American student life. These awards are made only to students who are recommended by the Institute of International Education.

LOAN FUND

The Phillips Loan Fund was established in 1840 by the gift of Thomas W. Phillips, Sr. of New Castle, Pennsylvania, in the amount of \$10,000. Additional monies have been added to the original amount from various sources. Total loans in the fund now total in excess of \$50,000.

Loans from the Bethany College Loan Funds may be obtained by students complying with the conditions governing the same. These loans are without interest while the student is in Bethany College and notes are drawn to mature four months after graduation or withdrawal from college. All notes bear interest from the date of maturity.

Applications for loans must be made to the Committee on Scholarships and Financial Aids. All financial obligations to the College including notes to the loan fund must be paid before an official transcript of the student's academic record can be issued.

STUDENT EMPLOYMENT

Limited opportunities for students to earn money for college expenses are afforded, but under no circumstances is it possible for a student to earn all of his expenses. The College may not be able to provide student employment of any kind beyond \$200 as a total for one year.

Applications for student employment must be filed on a proper form. A careful study of the student's needs and general welfare will be made by the committee caring for student employment as each application is considered. Applications for student employment should be filed with the Committee on Scholarships and Financial Aids.

Admission of Students

Bethany College undertakes to accept applicants who are well qualified to benefit from the type of educational experience and academic life available here. It is expected that all applicants will be taking regular academic work as candidates for a baccalaureate degree.

All applicants for admission must furnish evidence of good moral character, sound physical and mental health, as well as adequate scholastic preparation. Students who do not want to be associated with Christian ideals and responsibilities should not plan to come to Bethany. The Committee on Admissions and Classifications will undertake to consider the best interests of the applicant and the College before final acceptance is made.

FRESHMAN ADMISSION

Applicants for admission to the freshman class will be judged acceptable in terms of scholastic preparation and intellectual maturity by either of the following plans:

I. *By Certificate*

Applicants from any accredited secondary school may be accepted for admission on presentation of a statement signed by proper school authorities, showing the kind and the amount of scholastic work done, provided:

- (a) the scholastic work completed is of such quality as to place the student in the upper half of his class as evaluated by the secondary school. Exceptions to this may be made by the Committee only when evidence of considerable validity indicates that the applicant has the ability to do good academic work at the college level. Such evidence may be scores on scholastic aptitude or mental ability tests taken with approval of the Committee on Admissions and Classifications.
- (b) the student's preparatory program includes at least fifteen acceptable units of secondary school work. Students from senior high schools may be admitted with eleven units of senior high school work.
- (c) at least two-thirds of the units of secondary school work accepted for entrance are in English, foreign languages, mathematics, natural science and social studies.

II. *By Examination on Subject Matter*

Students who have not been regularly prepared for college in a recognized secondary school may apply for admission by making a complete statement regarding qualifications and training. Such students can be regularly admitted if they qualify by means of high scores made in a battery of examinations on general educational de-

velopment given at the College under the direction of the Committee on Admissions and Classifications. The examinations will be given upon the scholastic work covered by the list of secondary units approved by the North Central Association of Colleges and Secondary Schools. Data obtained from all examinations will be interpreted in authenticated comparable terms, such as well established public school or independent school percentiles.

ADVANCED STANDING

Students from other accredited colleges may be admitted upon the presentation of evidence that they have satisfied the general requirements for admission and that they were in good standing in the institution last attended. All applications for admission from students for advanced standing must be accompanied by official certificates stating the nature and extent of college courses completed and all disciplinary or academic items that belong to such a record. Such a statement must be signed by the proper officer of the institution where the work was done.

The evaluation and acceptance by Bethany College of credits earned at an accredited institution will depend upon the quality and nature of the academic work completed. Academic work ranked below "average" (grade C) will not be accepted. Not more than sixty-five hours will be allowed for courses completed in a junior college.

Credit will be allowed for work done in non-accredited institutions only by special action of the Committee on Admissions and Classifications. This Committee may require that the applicant be classified one class below that attained in the institution from which the credits were presented.

Some academic credit may be allowed for training courses and educational experiences in the Armed Forces according to the general pattern recommended by "A Guide to the Evaluation of Educational Experiences in the Armed Services" issued by the American Council on Education, provided such courses or experiences are appropriately related to a college of liberal arts and sciences.

A student transferring to Bethany cannot be granted a degree unless he has been in attendance at the College at least during his senior year.

ACHIEVEMENT TESTS

Any student who has anticipated the subject matter of any of the prescriptions or courses for baccalaureate degrees may make application to take an achievement test. If the result of this test indicates sufficient mastery of the subject the prescription may be waived. Passing the achievement tests will not give credit in hours toward

the degree. The application for an achievement test should be made to the Committee on Admissions and Classifications. It should state the achievement tests which the student desires to take and the basis of his preparation for the test.

PROVISIONAL ENROLLMENT

The term "provisional enrollment" is applied to the status of students who are permitted to enroll for a provisional period of two weeks pending the receipt of secondary school record, the payment of the required amount on account, or pending the fulfillment of other proper requirements of the administration. This is intended to cover the cases with which the Deans, the Committee on Admissions and Classifications or the Bursar have to deal.

READMISSION

Former students at Bethany College may apply to the Director of Admissions for readmission to the College. Students who were in good standing at the time of withdrawal will be readmitted, subject to approval of the Committee on Admissions and Classifications. Students who have attended other colleges or universities after withdrawal from Bethany must file complete official transcripts of academic records along with the application for readmission for consideration of the Committee on Admissions and Classifications.

UNCLASSIFIED STUDENTS

A very limited number of students who are not candidates for a degree may be admitted to the College as "unclassified students" with permission to pursue selected courses. Approval for enrollment in this manner will be given only if the applicant can satisfy the Committee on Admissions and Classifications that he can pursue the courses with profit, that he has a serious purpose in mind, and that he can meet the general requirements as to health, character and mental ability.

MEDICAL REQUIREMENTS

After the candidate's admission the parents and family physician will be asked to provide the Dean of Students and the College Physician with a medical history adequate for the understanding of any problems which may arise. Each candidate must also present evidence of having had a successful smallpox vaccination within a three-year period prior to entrance. The College reserves the right at any time to require the withdrawal of a student when in its opinion his physical or mental condition is such that his interests and those of the College would be better served by such withdrawal.

Requirements for Degrees

Bethany College confers, at formal graduation exercises, upon students who have satisfied all appropriate requirements and have maintained high standards of character, the degrees of Bachelor of Arts or Bachelor of Science.

SEMESTER HOURS

Candidates for either of the baccalaureate degrees are required to complete a total of 126 semester hours of academic work. Of this number, 40 semester hours must be in upper division courses. Of the 126 semester hours presented for graduation, at least 96 must be of "C" grade or better. Only 12 hours, as a total, in applied music, applied art, or activity courses in physical education can be used toward meeting the minimum requirement.

Candidates for the Bachelor of Science degree must present at least 40 semester hours from courses taken in Biology, Chemistry, Mathematics, or Physics. At least 25 of these hours must be earned in upper division courses.

In the case of students transferring from institutions of junior college standing, credit will be allowed for not more than 65 semester hours.

Students who have anticipated the subject matter of courses prescribed for the baccalaureate degrees may make application to the Committee on Admissions and Classifications to take an achievement test. If the result of this test indicates sufficient mastery of the subject, the necessity to take the prescribed course will be waived. Passing the achievement tests will not give credit in hours toward the degree.

QUALITY POINTS

Quality points, awarded on the basis of final grades received, are required for graduation. At least 252 quality points must be earned and of these at least 80 must be earned in upper division courses. In computing quality points the following values are used: A=4, B=3, C=2, D=1 quality points for each semester hour.

DISTRIBUTION OF COURSES

Candidates for graduation are required to complete a full year course in several of the major departments of the College. Such courses have been designated by the faculty as representing an "introduction to general education."

The following specific course requirements must be met by all candidates for the baccalaureate degree:

- 6 semester hours in English composition or literature
- 6 semester hours in one of the following:
Biology, Chemistry, Mathematics, Physics, or Physical Science
- 6 semester hours in Biblical Literature, i. e., courses in
Old and/or New Testament
- 6 semester hours in one of the following:
History, Political Science, Economics, or Sociology
- 6 semester hours in one of the following:
Psychology, Philosophy, or Education
- 6 semester hours in Physical Education, i. e., two hours in
personal hygiene and four hours in activities courses
- Foreign Language Requirement:
A reading knowledge is required in one of the foreign
languages offered at the College or approved by the Com-
mittee on Admissions and Classifications. This require-
ment may be satisfied by the completion of the second year
course in the language at the college level; or by written
and oral examination given under the direction of the
Department of Modern Languages.

FIELD OF CONCENTRATION

Each student should determine a Field of Concentration after three semesters of residence academic work. The determination of the Field of Concentration can not be delayed beyond the fourth semester without the possibility of extra academic courses being required.

In the Field of Concentration each student will have the help and direction of a Senior Faculty Counselor in planning his course of study, but the following specific requirements must be followed:

- (a) In core subjects of the Field of Concentration, at least 24 semester hours must be completed but not more than 42 semester hours will be counted toward degree requirements. At least 12 semester hours in core subjects must be in courses at upper division level. Grades earned in core subjects must meet a minimum requirement of cumulative scholarship index of 2.00.
- (b) In a related subject at least 12 semester hours must be completed and this must be related to the core subject.

The Senior Faculty Counselor will determine specific course requirements within the Field of Concentration and will approve the related subjects.

The Field of Concentration which a student elects determines specific requirements for the student, not only of work to be done in the field, but courses to be completed in other departments. The general outline of the requirements for each Field of Concentration is listed in the section of this bulletin that carries Courses of Instruction. Modifications may be made to meet the needs of the individual student.

COMPREHENSIVE EXAMINATION

A comprehensive examination, both written and oral, is required of each candidate for a degree at Bethany College. This examination is given under the direction of the Senior Counselor in charge of the "Field of Concentration" with the assistance of a faculty committee appointed by the Dean of the Faculty. It is intended to cover the total range of material and accomplishment for the field. A student failing in the comprehensive examination shall be considered as failing to meet the requirements for graduation and shall not be graduated.

Comprehensive examinations are given once each academic year. Students who fail to pass the comprehensive examination shall, upon payment of a suitable fee, be given a second opportunity only at the end of any subsequent year, provided reasonable notice has been given to the Committee on Admissions and Classifications and the department head. Further opportunity to take this examination shall be given only by special vote of the faculty.

A student desiring to take a comprehensive examination in a second Field of Concentration may do so provided the Senior Counselor concerned and the Dean of the Faculty approve, and that the student shall have paid the fee required for a special comprehensive examination.

GRADUATE RECORD EXAMINATION

Students are required to take the Graduate Record Examination during the last semester of the senior year. The record on this examination will be needed by students seeking admission to graduate and professional schools. The results may be considered in the awarding of graduation honors. Charges for this examination are included in the graduation and diploma fee.

RESIDENCE

Four years are usually required to satisfy the course and residence requirements for the baccalaureate degree. Students of superior ability may complete the requirements in less time. The senior year must be spent in residence at the College. In the case of students who have met all specific requirements except that of total hours, and who plan to enter an approved professional school, permission may be granted by the Committee on Admissions and Classifications to take the equivalent of the last semester of academic work in the professional school.

Not more than nine semester hours may be obtained in other undergraduate collegiate institutions for the fulfillment of the work of the senior year, except in a professional school as stated above.

COMBINATION COURSES

Special arrangements have been approved by the faculty under which students who have completed three years of work at the College may transfer to specifically approved institutions for engineering or nursing training and be eligible for graduation at Bethany on satisfactory completion of their undergraduate training at that institution.

By cooperative arrangements with Carnegie Institute of Technology, Bethany offers the first three years of a five year course for engineering students and arranges for the qualified student to transfer to the Institute for the last two years. Upon completion of this five year program the student will receive a bachelor's degree from both institutions.

Arrangements have been approved with the University of Pittsburgh School of Nursing and Francis Payne Bolton School of Nursing of Western Reserve University whereby Bethany students upon the completion of three years of satisfactory work in the College or ninety semester hours of work, exclusive of required physical education courses, with an approved distribution of courses, may transfer to one of the above or other approved institutions and upon the satisfactory completion of training may receive the Bachelor of Science Degree from Bethany College and the Diploma in Nursing from the School of Nursing. The student Nurse's Registry Certificate is to be filed with the Registrar before graduation is confirmed.

INVALIDATION OF CREDITS

Courses completed either in Bethany College or elsewhere, more than ten calendar years before the date of proposed graduation, will not be accepted for credit toward graduation. All candidates are expected to comply with the requirements for degree in effect at the time of acceptance of the application for degree. With the approval of the Committee on Admissions and Classifications and the payment of the required fee the candidate may take examinations, as administered by the various departments, for courses included in the current curriculum, to re-instate academic credit that may have been declared not-valid because of date.

Recognition of Student Achievement

Bethany College undertakes to encourage superior achievement in scholarship and outstanding leadership in student affairs by public recognition at Commencement, on Honors Day and on other suitable occasions.

GRADUATION HONORS

Students who have done academic work of unusual merit will be graduated with honors, viz., Summa Cum Laude, Magna Cum Laude or Cum Laude. The awarding of honors is determined upon the basis of total quality points earned, standing in the comprehensive examination, and the recommendation of the Senior Counselor in charge of the student's field of concentration.

Students who make an unusual record on the comprehensive examination are listed at graduation as having passed "With Distinction".

CLASS HONORS

Upper division students of the College who complete the academic work of any one year with a scholarship index of 3.5 are recognized for "First Honors" for the year, and those who complete the academic work of any one year with a scholarship index of 3.25 are recognized for "Second Honors" for the year. Lower division students of the College who complete the academic work of any one year with a scholarship index of 3.25 are recognized for "First Honors" for the year, and those who complete the academic work of any one year with a point average of 3.0 are recognized for "Second Honors" for the year.

DEAN'S LIST

At the end of each semester a list of students who have ranked high in academic attainments as attested by scholarship index are designated for the Dean's List. This distinction is determined by the Dean of the Faculty and the Dean of Students.

SENIOR FELLOWSHIPS

Certain members of the junior class may be designated as Senior Fellows for the following year. The selection is made only of students who have attained unusual excellence in their Field of Concentration and who, by character and ability, can do special work in a department as an assistant in instruction or research. No more

than six senior fellowships are awarded in any one year. The selection of Senior Fellows is made by the Committee on Honors from the nominations of the department heads.

HONORARY ORGANIZATIONS

Gamma Sigma Kappa is the honorary scholastic fraternity founded at Bethany College in 1932. Students maintaining a scholarship index of 3.25 for four consecutive semesters, provided that in no semester their scholarship index falls below an average of 3.0, are, upon recommendation by the faculty Committee on Honors, eligible for membership.

Bethany Kalon is an honor society established to give recognition to leadership in student activities and community services. To be considered for membership in this society, a student must have completed four semesters of college work, must have attained a satisfactory scholarship index and must have demonstrated competence in leadership in college activities, constructive citizenship in the college community, and high standards of personal character. Selection of members is made by the members of the society from students nominated by a committee of the faculty.

The *West Virginia Delta Chapter of Pi Gamma Mu* is an honorary social studies fraternity. Students maintaining a high scholarship index in twenty semester hours of social studies are eligible for membership.

Alpha Phi Chapter of Beta Beta Beta is an honorary society for students of the biological sciences. Its purpose is to stimulate sound scholarship, to promote the dissemination of scientific truth, and to encourage investigation in the life sciences.

AWARDS

The *Florence M. Hoagland Award*, established by the Class of 1947 in memory of Miss Florence M. Hoagland, is presented each year to the outstanding senior man.

The *Oreon E. Scott Award* is made each year at the annual Commencement to the graduating senior who has achieved the highest academic record over the four-year period. The donor of this award is a Bethany graduate of the Class of 1892.

The *Anna Ruth Bourne Award* is planned to stimulate scholarship among the women's social groups. This is a silver cup, provided by an anonymous donor, awarded to the women's social group earning the highest scholarship standing each semester. The group winning the cup for four consecutive semesters is presented with a smaller replica as a permanent trophy.

The *Outstanding Junior Woman Award* is provided by the Pittsburgh Bethany College Club, comprising the college alumnae of

Pittsburgh. This award is based on qualities of leadership, character, conduct, and scholarship. The club has placed a suitable plaque in Phillips Hall on which the names of the winners are engraved. In addition, an individual gift is made each year to the person designated.

The W. F. Kennedy Prize is given each year to the outstanding young man in the junior class. This award, established by Mr. W. F. Kennedy of Wheeling, West Virginia, is awarded on the basis of his contribution to the college community life through leadership in activities, personal character, and scholarship.

Career Preparation

Bethany College believes that a liberally educated man or woman, well-grounded in broad fields of knowledge, is best prepared to participate in and enjoy the richer life. It prescribes a basic program in general subjects which are designed to make students better rounded personalities and more competent citizens. On the solid base of a general education the student can erect a structure of specialized courses in a field of concentration which will prepare him for admission to graduate and professional schools or for entrance into the business and professional world.

To help its students plan their life's work, Bethany College conducts an effective vocational service. Each year vocational conferences bring to the campus leaders in the various professional and business fields to discuss with the students the nature of the work in which they are engaged, the aptitudes and training necessary for success and the occupational and personal rewards.

In addition to Senior Counselors in the several fields of concentration, the College has designated certain members of the faculty and staff as Advisors for other career interests. Vocational information listing requirements and opportunities in a wide variety of vocations is available in the Vocational Placement Office, which is operated under the supervision of the Dean of Students.

GRADUATE TRAINING

Students who plan to do graduate work leading to higher degrees should bear in mind that a reading knowledge of both French and German is generally required. Results of the Graduate Record Examination will be requested by the graduate schools of most universities, and by an increasing number of organizations in business and industry.

PRE-PROFESSIONAL STUDY

Bethany offers professional and pre-professional training in a variety of fields. A large percentage of its students select their courses to qualify them for entrance to technical or professional schools. The Senior Counselor or Advisor should be consulted to see that specific requirements of the school selected are met.

Below are listed a number of career interests for which undergraduate preparation is to be found at Bethany. They represent only a sampling of the many programs the student may elect in preparation for his life work.

Pre-Medicine

Students desiring to prepare for the study of medicine will find instruction and facilities which will satisfy the entrance requirements

for the best medical schools. In keeping with the thinking of those who are engaged in medical education, the College advises broad basic training in general education, i. e., language, literature, philosophy, and social science. A Field of Concentration in Pre-Medical Training is planned for those who do not wish to elect a Field of Concentration in a single field of science.

Professional Chemistry

A thorough preparation for Professional Chemistry with a complete background of training in the liberal arts is offered in a program of courses that meets the requirements outlined by the American Chemical Society. Courses in Special Problems introduce the student to the principles of research, aiding in any contemplated graduate or industrial work following graduation.

Pre-Engineering

A broad training in the sciences and humanities provides a good foundation for students who look forward to specialization in one of the technical branches of engineering. Students who desire to transfer to an engineering school before the completion of their undergraduate training at Bethany, will need to give careful attention to requirements of the engineering school they wish to enter.

By cooperative arrangement with the Carnegie Institute of Technology, Bethany offers the first three years of a five year course and arranges for the qualified student to transfer to the technical school for the last two years of undergraduate training. Upon completion of the five year program, degrees from both institutions will be granted.

Pre-Law

The leading law schools make no specific requirements for the pre-law student, but do recommend that the college course give the student basic training in history, English, languages, sciences, and social sciences. A pre-law student will usually elect a Field of Concentration in History, Political Science, or Economics according to his interest.

CAREER SUGGESTIONS

Business Administration

A complete program is offered in Business Administration as preparation for entering many of the occupations in the general field of business or a variety of the business activities of government. A student may elect a Field of Concentration in Business Administration and will be expected to carry certain courses in other departments. The student has the opportunity of selecting his program from a variety of theoretical and practical courses that will further his professional aspirations after graduation.

Christian Ministry

Students who are preparing for the work of the Christian ministry in the mission field or in the church at home, are urged to elect a Field of Concentration in Religion and to include a broad study of the social studies, literature and sciences in the four year program. A majority of the ministerial students from Bethany College attend a seminary for graduate work. If such advance study is not possible immediately after graduation, the courses available at Bethany will enable the student to render effective service to the church until he is able to continue his professional training.

Dentistry

Admission requirements to dental schools have not been as generally standardized as in the case of other professional schools. Bethany College recommends at least a two-year program of pre-professional training before entering the professional school.

Government Service

Preparation for a career in Government Service calls for broad background training with a Field of Concentration which should include work from the Departments of Political Science, History, Economics, Sociology, Psychology, Personnel Administration and Written and Oral English. Students wishing to prepare for foreign service should be well-grounded in two languages and in European or Latin American history.

Journalism

The courses in Journalism at Bethany College provide a career opportunity in newspaper work, magazine work, advertising, public relations, and free-lance writing. Many students prefer to seek additional professional preparation in graduate schools of journalism. A broad elective program is recommended to buttress the Field of Concentration in Journalism. Twelve semester hours in English Literature must be included.

Librarianship

Bethany College provides pre-professional training for Librarianship. Entrance to accredited graduate library schools of Class I and Class II type is currently obtained on the basis of a Bachelor of Arts Degree with work in social studies, literature, and languages. Students contemplating study in a library school are urged to select widely in the Departments of History, English, Business Administration, Sociology and other fields, selecting the Field of Concentration in line with their special interest. Actual experience in library work is offered through a laboratory program in the college library. Students planning to enter this profession should work out their program of study with their Senior Counselor and the College Librarian.

Mathematics

There is an increasing demand for students well-trained in Mathematics for work in industry and government as well as in the teaching field. The College offers Fields of Concentration in Mathematics and Applied Mathematics to meet the needs of the individual student. In the Field of Applied Mathematics programs are planned for students interested in Mathematical Physics and Chemistry and for those interested in Pre-actuarial Training.

Merchandising

Many opportunities are open for college-trained men and women in the Field of Merchandising. Students wishing to prepare for work of this kind should elect a Field of Concentration in Merchandising, the core of which may include courses in the Departments of Economics, Journalism, Psychology, Personnel Administration, and Secretarial Training.

Nursing

Increasing opportunities are open to college-trained women in the fields of public health and professional nursing. The College has developed Co-Operative Training Programs with the School of Nursing of the University of Pittsburgh and the Francis Payne Bolton School of Nursing of Western Reserve University by which a student may attend Bethany College for three years and the School of Nursing for two years and receive the Bachelor of Science Degree from Bethany and the Diploma in Nursing from the School of Nursing. Students who complete their undergraduate training before entering the School of Nursing may become candidates in the School of Nursing for the Degree of Master of Nursing.

Personnel Administration

Personnel work is a relatively new profession, born of the needs of modern life. Business and industry, schools and colleges, social organizations, and government agencies have become increasingly aware of the importance of better guidance, utilization and conservation of manpower. The Field of Concentration in Personnel Administration includes work in the Departments of Psychology and Economics.

Physical Education

Training in Physical Education is offered for both men and women desiring to prepare for work in school or community programs of physical education. The program is planned to satisfy the requirements for Certification in Physical Education as prescribed in several states.

Public Relations

Increased attention is being given in business and industry to public relations programs as they affect employees and the public. A

special program is outlined in this field which includes work in the Departments of Journalism, Speech, Psychology, and related subjects.

Public School Music

The Department of Music offers courses in public school music methods which, together with the theory courses taken by students who select a Field of Concentration in Music, prepare students for the teaching of instrumental and vocal music in the public schools. Certification by state educational authorities requires work as prescribed by the Department of Education.

Recreational Leadership

In view of the increasing emphasis on Recreational Leadership and the intelligent use of leisure time in our present day life, a course of study has been outlined for students who wish to prepare themselves for the direction of programs of community welfare. The course follows the general plan of preparation recommended by the National Recreation Association. Students preparing for Recreational Leadership should preferably select their Field of Concentration in Physical Education with a choice of electives from the Departments of Sociology, Education, Psychology, Art, Music, and English.

Religious Education

Students planning to enter full time Christian service will find opportunity to do so in the field of religious education, as church secretaries, and directors of religious education. A Field of Concentration in Religious Education outlines a program for preparation for this kind of work which includes courses in the Departments of Religion, Psychology, and Education.

Secretarial Training

College graduates will find that there are many opportunities for the use of secretarial skills and techniques in connection with business opportunities that may be offered to them. A sound program of general education as a background to specific courses in Secretarial Training will qualify a student for excellent secretarial positions.

Social Work

Complete preparation for Social Work cannot be given on the undergraduate level; however, a broad foundation and a framework of action can be provided for those interested in professional social work. Students planning to enter this field should elect a Field of Concentration in a Social Science with additional work in related fields.

Teaching, Elementary

Bethany College is fully accredited by the State Board of Education in West Virginia and other states for the preparation of ele-

mentary school teachers. The need for teachers in the elementary field is emphasized by everyone interested in our public school system. This need will increase in the years immediately ahead. Requirements for certification and for graduation restrict the number of free electives open to the student. Therefore, anyone planning to teach on the elementary level should consult with the Advisor as soon as a decision is made.

Teaching, Secondary

Students who are interested in teaching in secondary schools are able to secure preparation in various teaching fields and to meet state requirements for certification in West Virginia, Ohio, Pennsylvania, New York, New Jersey and other states. Students should plan their program carefully to meet the certification requirements in the state in which they plan to teach.

CAREERS IN OTHER FIELDS

Individual programs of study may be developed by the student in consultation with the Faculty Counselor that will prepare him for work in fields not listed in the above suggestions. The Bethany Program is designed to assist the student in choosing his career wisely. The correct choice of one's life work will be rewarding in many ways. Free inquiry of and close relations with members of the faculty are significant aids in making this important choice. Facilities of the Guidance Office and Placement Service are available to all students.

General Regulations

RESIDENCE

No student will be permitted to reside or board in any place which has not been listed as approved. Fraternity and sorority houses, private dwellings and dormitory rooms where students are living, must at all times be open for inspection and appraisal as to influences and conditions relating to morals, health and social culture.

The women of the College live in Phillips Hall, Gateway Hall and in sorority houses. Each is presided over by a house hostess or a faculty resident. The Associate Dean of Students is in charge of the general supervision of the college women, with the direct responsibility for regulation of social life, residence and social privileges, out of town privileges, etc.

DEPORTMENT

It is expected that students will be governed by high personal ideals and good taste, without the existence of minute and specific rules.

The men and women of the College live under conditions intended to provide a pleasant and wholesome social life and a reasonable amount of social recreation is encouraged. Such diversion, however, may be restricted to limits considered favorable to the welfare of the students.

Bethany College has always been opposed to the use of intoxicating liquors. This policy should be understood and accepted by every matriculant.

In the administration of regulations and policies, the college officers will be guided in the treatment of individual cases somewhat by the general attitude of the student toward the College, i. e., whether or not he has proved himself a creditable member of the college community, as shown by regularity in attendance, promptness in the fulfillment of his obligations, earnestness in his endeavors to profit by the college opportunities, and in consideration of high standards in social and moral conduct.

The whole record of each student will be surveyed at the end of each semester with reference to his conduct in the community as well as his academic attainments. If the student's conduct has been unsatisfactory and is likely to remain so, the administration will consider whether the student is justifying his candidacy for a college degree. Students who do not show promise of accomplishment or good citizenship will not be allowed to continue. *It is expected that a student who earns credits at Bethany College must satisfy the faculty as to uprightness of character as well as accomplishments in scholarship.*

AUTOMOBILES

There is no need for students to maintain automobiles in Bethany. The maintenance of an automobile or motorcycle in Bethany or vicinity without the permission of the college faculty is positively forbidden. Application for permission to keep an automobile at Bethany must be made to the Dean of Students.

STUDENT'S SCHEDULE

A student ordinarily carries fifteen or sixteen credit hours of academic work each semester, but it is possible for a student to carry additional credit hours with the permission of his faculty counselor. It is ordinarily expected that no student will carry more than nineteen credit hours in any one semester.

COURSE CHANGES

Courses should not be changed or dropped except within the first week at the start of any one semester. At other times a change can be made in courses or schedule with the consent of the instructors concerned, the student's counselor, and either the Dean of the Faculty or the Dean of Students. After the first week it is possible for a student to secure permission to drop a course only if the counselor and the Deans feel that the best interests of the student will be served by such procedure, but permission will not be granted without adequate reason and approval.

CLASS ABSENCES

Students are expected to attend all class or laboratory meetings of a course and to participate in any outside activities which are part of the course. The final decision as to approving absences which may be required by illness or urgent matters of any kind is in the hands of the instructors concerned.

Proper penalties or requirements may be imposed by an instructor for absences of any kind. In all cases class attendance is essential if the student is to get the maximum benefits. In case of excessive absences endangering academic work the Dean of Students or the Dean of the Faculty will be advised by the instructor.

PENALTY FOR LATE REGISTRATION

Students in attendance during any semester must register on the opening day of the following semester, if they desire to continue their work. A charge is made for each day of delay in registration up to a total of three days. Class absences will be counted against the student for all days missed. This rule does not relate to students entering for their first semester.

WITHDRAWAL

An honorable discharge will be granted to any student who is in good standing and is not subject to discipline, who may desire to withdraw from the College, if he has satisfied his counselor and a responsible officer of the College that there is good reason to justify such action. Students asking to withdraw should present such a request to the Faculty Counselor in writing with a statement of approval from parent or guardian. The recommendation of the counselor should then be presented to the Dean of Students for final approval and record. No withdrawal will be considered complete until this procedure has been completed.

FINAL EXAMINATIONS

All students are required to take the final examination in each course for which they are registered. Seniors who are taking the comprehensive examination in the field of concentration are excused from final examinations in all courses for the second semester.

SPECIAL EXAMINATIONS

A student who has been marked "con", conditional failure, in any course at the end of the semester may, with the consent of the instructor, be given an opportunity to take a second examination on the payment of the special examination fee. A student justifiably absent from a final examination may have a special test upon the payment of the special examination fee. Fees for special examinations must be paid at the office of the Bursar before the examinations are taken. The Bursar's receipt must be presented to the instructor at the time of the examination and delivered by the instructor to the Registrar together with the grade given the student.

GRADING SYSTEM

The standing of a student in any course pursued is reported by letters. The meaning of the letters is as follows:

- A. Excellent. The letter "A" is used to denote work of unusual merit. This grade carries four quality points for each hour of credit.
- B. Good. This letter is used to show appreciation and grasp of the subject that is distinctly above the average and very satisfactory. This grade carries three quality points for each hour of credit.
- C. Average. This letter signifies the grade of work done by an average student. It is expected that between fifty and sixty per cent of grades given will be "C". This grade carries two quality points for each hour of credit.

- D. Inferior. This letter denotes work below the average. It shows a lack of application or of ability to grasp the subject. This grade carries one quality point.
- Con. This abbreviation denotes conditional failure. The student is granted the privilege of taking an examination to remove the condition, or, in case of a continuous course, it may be automatically removed if the student makes a grade of "C" or better the following semester. Failure to do so within the following semester will result in the grade being changed to "F". Regardless of the manner of removing the condition, no higher grade than "D" will be allowed.
- Inc. This abbreviation denotes work not completed as a result of sickness or some other justifiable reason. An incomplete mark should be removed by the end of the fourth week in the following semester, unless an extension of time is granted. It is not possible for a student to remove an incomplete mark after twelve months.
- F. Failure. The letter "F" denotes work that is definitely unsatisfactory and the course not passed. This grade carries no quality points.
- W. Withdrawn.

A report of the scholastic standing of students is received at the Office of the Dean of Students at the mid-semester time in addition to the final semester reports. These reports are sent to the faculty counselor of each student and to parents or guardian.

INITIATION

Students shall not be initiated into any fraternity or sorority until they have satisfied the entrance requirements of the college, have fifteen hours of resident academic work completed and have a cumulative scholarship index of 2.00. Freshmen are eligible for pledging to a fraternity after they have been in residence for one-half of a semester. By action of the Pan-Hellenic Board, a scholarship index of 2.00 is required for pledging to any sorority. There is no established requirement for pledging a fraternity.

CLASSIFICATION OF STUDENTS

The classification of students is determined according to the following plan: For sophomore rank a student must have at least twenty-five hours of academic credit and fifty quality points. Admission to the upper division or full junior standing is conditioned upon the student having at least sixty hours of academic credit and one hundred and twenty quality points; and he must have passed the Sophomore General Examination. For senior class rank the student must have at least ninety-four hours of academic credit and one hundred and eighty-eight quality points.

No student is considered as a candidate for the baccalaureate degree until granted senior classification and until he has filed an Application to Take the Comprehensive Examination in the Field of Concentration and an Application for Degree.

PROBATION

The term "on probation" is applied to students who are allowed to continue in college after having failed to meet the standards expected by the faculty and administration.

Students may be placed on probation for any of the following causes, or a combination of them:

- Unsatisfactory scholastic record;
- Unsatisfactory class attendance;
- Unsatisfactory deportment.

Probation will serve as a serious warning to the student, and to his parent or guardian, that his total record is unsatisfactory and that a significant improvement is expected and required.

Students on probation may be declared ineligible for participation in athletic or other student activities. A student on probation is not eligible to receive any grant from college scholarship or loan funds while on probation. Any student who is on probation and does not give evidence of significant improvement within a reasonable time will be required to sever his connection with the College.

TRANSFER OF RECORDS

Students wishing to transfer from Bethany College to another institution should request the Dean of Students or Registrar to send an official transcript of record and notice of honorable dismissal. One transcript is furnished for each student without charge; for each additional transcript a fee of one dollar is charged, which fee is to accompany the request. All financial obligations to the college must be paid before a transcript can be issued. The request should be made at least one week before the transcript is needed.

SUMMER COURSES

Credit will be given for a limited amount of work done in the summer session of an approved college or university provided the courses taken are appropriate to the liberal arts curriculum and grades earned are entirely satisfactory. Permission for summer study must be secured in advance from the Dean of Students or the Registrar.

JUNIOR YEAR ABROAD

Specially qualified students may substitute for the work of the junior year in college a year of study in Europe or England, under

proper supervision and direction. To be eligible for the junior year abroad, the student ordinarily must have an average grade of "B" or over in the work of three semesters. Each application must be approved by the faculty. Any student who may wish to avail himself or herself of this opportunity should present the request in writing to the Committee on Admissions and Classifications before the end of the second semester of his or her sophomore year.

CHANGES IN REGULATIONS

The College reserves the right to amend the regulations covering the granting of degrees, the courses of study and the conduct of students. Membership in Bethany College and the receiving of a degree are privileges, not rights. *The College reserves the right, and the student concedes to the College the right, to require the withdrawal of any student at any time without explanation.*

Student Organizations and Activities

STUDENT CAMPUS LIFE

Generally recognized as one of the advantages of Bethany is its rich campus life with many and varied undergraduate interests. It grows naturally out of friendly relationships between students and faculty and gives expression to the desires of the individual student.

STUDENT GOVERNMENT

The government and direction of student interests and student activities is the responsibility of the Student Board of Governors elected by the student body as a legislative and executive body. Matters pertaining to athletics, student publications, social affairs and general student interests are given attention. A part of the General Fee is used by this board for the various student organizations. The board cooperates with the college administration in building an intelligent appreciation of social responsibility in college community life.

The Association of Women Students, of which every woman student is automatically a member upon her entrance into college, gives the college woman a fuller opportunity for experience in leadership and for sharing with the College the responsibility for her conduct.

RELIGIOUS LIFE

One of the expressed aims of the College is "To provide higher education in an atmosphere sympathetic to Christian ideals and Christian faith and to conserve and develop the moral character and religious life of its students." This aim is meant to bear upon instruction, counseling, and social life as well as formal religious services.

The student assemblies on Tuesday of each week are designated as Religious Chapel. Attendance is obligatory for all students. The Chapel Services are planned by a committee of faculty and students. The program consists of a brief devotional service and a short address on some vital religious matter.

Every effort is made to make these Chapel services non-sectarian. Representatives of the Protestant, Catholic and Jewish faiths are included in the visiting speakers. The devotional services make use of materials from the religious traditions of all three faiths.

The Student Congregation

Many of the students at Bethany College find an opportunity for expression of their religious faith in the Bethany Memorial

Church. Students may affiliate as Student Members at the church and participate in what is known as the Student Congregation. Any student who is a member of a church in his home community is eligible for membership in the Student Congregation.

The program for students at the church is planned and carried out by the Student Church Board, a group of 24 students elected by the Student Congregation at its annual dinner each spring. This program includes a College Class for Bible study and group discussion on religious themes, morning worship each Sunday morning, and special Sunday evening activities of varying types throughout the college year. The church choir is made up of students under the direction of the music department of the College.

Student Christian Association

The Student Christian Association is a campus organization of students of all faiths who band themselves together for a varied program of conferences, meetings, and study groups in the field of Christian faith, social responsibility, and international good-will. The Association is affiliated with the Student Christian Movement, and sends delegates to national student conferences. It also cooperates in the special religious activities that are conducted during the college year, such as CLEW, Lenten Vesper Services, and Pre-Easter Noon-Day Devotions.

Christian Living Emphasis Week

Christian Living Emphasis Week, more familiarly known as CLEW, operates under the direction of a Campus Committee of students and faculty. CLEW brings to the campus nationally known leaders of various faiths. Chapel services, class periods, residence halls, fraternity and sorority houses are thrown open to these leaders in an effort to convince each student of the importance of religion in life. Special "Bull Sessions," discussion groups, and personal conferences are also a part of the program.

Easter Devotionals

A student committee of representatives from the Student Congregation of the Bethany Church and the Student Christian Association plans and presents a series of noon-day devotional services throughout the week before the Easter vacation. Music, art, devotional material, and drama are used to provide a background for a personal experience of worship.

Course In Bible Study

Six hours of Bible required of all students qualifying for graduation may be chosen in the field of Old or New Testament. Most of the students take one semester of Old Testament and one semester of New Testament. This study is intended to be a sympathetic and constructive approach to the study of the Bible, which has been a recognized textbook at Bethany College since its founding.

Ministerial Association

Students who are preparing for a life work in the Christian Ministry or missionary service or religious education are invited to become members of the Ministerial Association. Meetings are held throughout the college year in which matters relating to the field of Christian service and the church are discussed.

Canterbury Club

Students who are members of the Protestant Episcopal Church have banded themselves together for fellowship and worship into a group known as the Canterbury Club.

The minister of the Bethany Memorial Church, who also serves as college chaplain, is available to students for counseling and advice on personal and religious matters.

MUSIC

Choir

The college choir sings each Sunday morning at the Bethany Memorial Church and gives special programs, in and away from Bethany, including oratorio, cantata and miscellaneous works. Membership is open to all students accepted by the director.

Male Chorus

The male chorus promotes the interest in the student body in indigenous college songs and also cultivates a taste for choral music in its higher aspects. Outside appearances are included in the chorus activities.

Orchestra

For students who have a proficiency on orchestral instruments the college orchestra gives ample scope for the exercise of talents. Membership is gained by satisfactorily passing an examination given by the director. Several concerts are given during the year and music is furnished for some of the dramatic performances. An opportunity is given to able students wishing to perform with the Wheeling Symphony Orchestra.

Band

All students who show by examination a sufficient mastery of their instrument for the type of music to be played are invited to play in the college band. This group performs both on and off the campus.

DRAMATICS AND RADIO

Dramatics

Two organizations are open to students interested in Dramatics; the Theatre Guild of open membership; and a chapter of the national

dramatic fraternity, Alpha Psi Omega, in which students may become members by meeting the national requirements.

Radio

The Radio Club has use of the radio work shop and has been responsible for the operation of the campus radio station WWBN.

ATHLETICS AND RECREATION

Intercollegiate sports at Bethany College include football, basketball, baseball, track, tennis, cross country, and swimming. Membership is held in the West Virginia State Intercollegiate Conference. Games and meets are regularly scheduled with colleges in neighboring states.

Healthful athletic recreation is provided for the entire student body by a very complete intramural program which includes a complete schedule of team sports. This program is supervised by the Director of Intramural Athletics, a member of the staff in the Department of Physical Education.

The Women's Athletic Association encourages the participation of all women in a physical education and recreation program. Facilities are provided for basketball, volley ball, tennis, hockey, speedball, swimming, and archery. The W. A. A. sponsors an invitational Play Day for students of area high schools and in addition, is host to delegations from tri-state colleges several times during the college year.

All athletics and physical recreation are under the supervision of the Athletic Board of Control, which is made up of the faculty committee on athletics, and four members of the student body selected by the Student Board of Governors.

PUBLICATIONS

Student journalistic ventures consist of a weekly newspaper, the *Bethany Tower*, and the college year book, the *Bethanian*. These publications are edited and published by the Student Board of Publications, which in turn reports to the Student Board of Governors.

Phi Delta Epsilon, National Journalism Fraternity, is active on the campus with the prime purpose of perpetuating efficient student publications and working for the advancement of journalism in extra-curricular life. The managerial personnel for the student publications is usually found in Phi Delta Epsilon.

FRATERNITIES

Nine national social fraternities and sororities have active chapters at Bethany College.

The fraternities for men are: Alpha Sigma Phi, Beta Theta Pi, Kappa Alpha, Phi Kappa Tau, and Sigma Nu. The sororities for

women are: Alpha Xi Delta, Kappa Delta, Phi Mu, and Zeta Tau Alpha.

The Inter-Fraternity Council, composed of representatives from each of the fraternity chapters, acts as the coordinating agency in fraternity affairs and activities. The Pan-Hellenic Board directs the activities and rushing season for the sorority chapters.

CLUBS AND ASSOCIATIONS

Several active clubs and societies are sponsored by various departments in the college. The nature of the French Club, Sociology Club, Chemistry Club, German Club, Spanish Club, Economics Club, International Relations Club, Psychology Club and Radio Club is explained by their titles. Papers dealing with appropriate topics are presented by students, faculty members and out-of-town speakers.

Young men and women of the student body preparing for full time Christian Service are eligible for membership in the Ministerial Association.

The H. T. McKinney Chapter of the Future Teachers of America was chartered at the college in the fall of 1942.

A chapter of Student Affiliates of the American Chemical Society was founded at Bethany in 1948.



Views of Bethany

BETHANY'S OLD MAIN







CARNEGIE LIBRARY



ABOVE: AUDIO EQUIPMENT IN THE COLLEGE LIBRARY

BELOW: CLASS DISCUSSIONS ARE TIMELY







ABOVE: A ROOM IN ONE OF WOMEN'S DORMITORIES

LEFT: PHILLIPS HALL FOR WOMEN

BELOW: MAIN LOUNGE IN PHILLIPS HALL





COCHRAN HALL FOR MEN



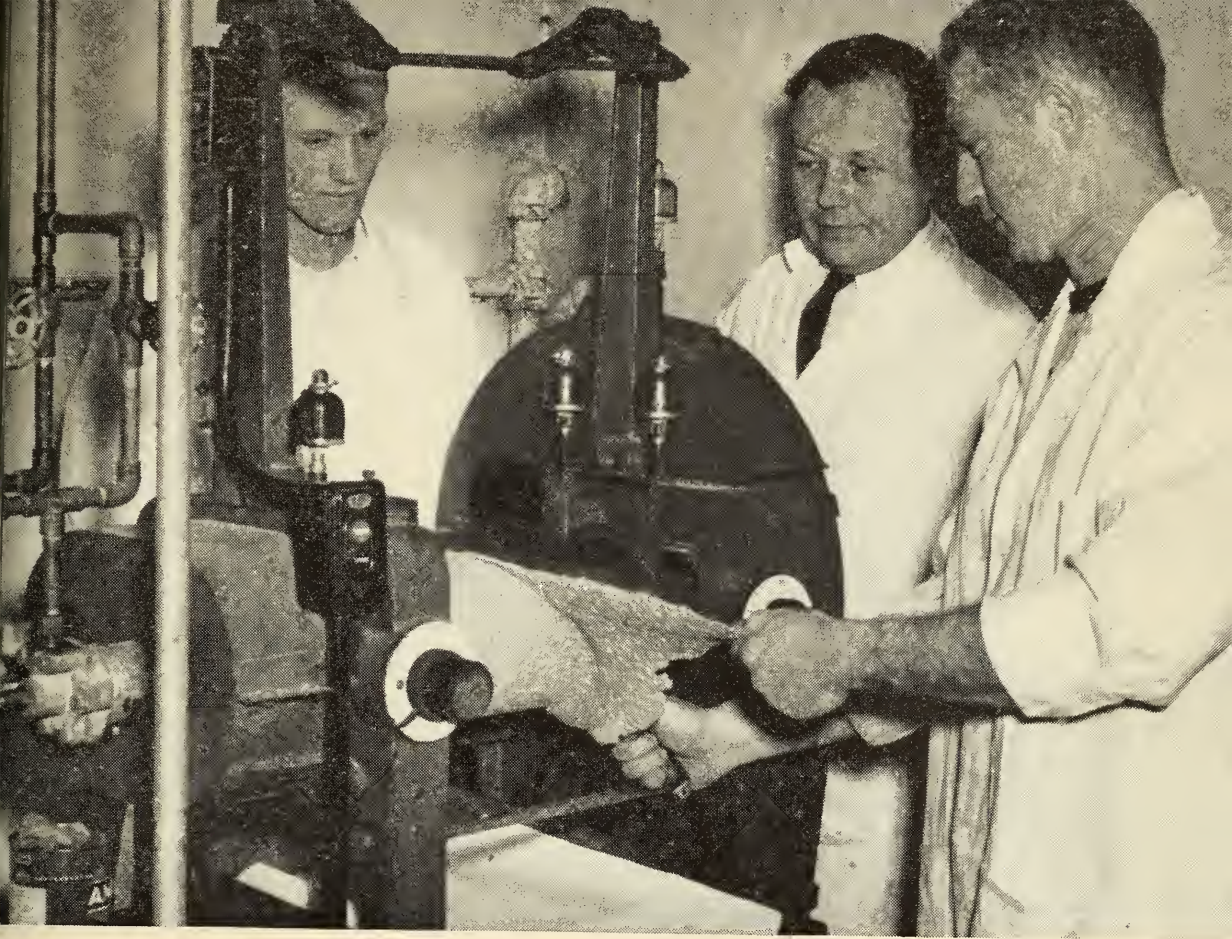
ABOVE: BETHANY HOUSE, THE STUDENT UNION BUILDING

BELOW: INTERIOR VIEW OF MEN'S DINING HALL





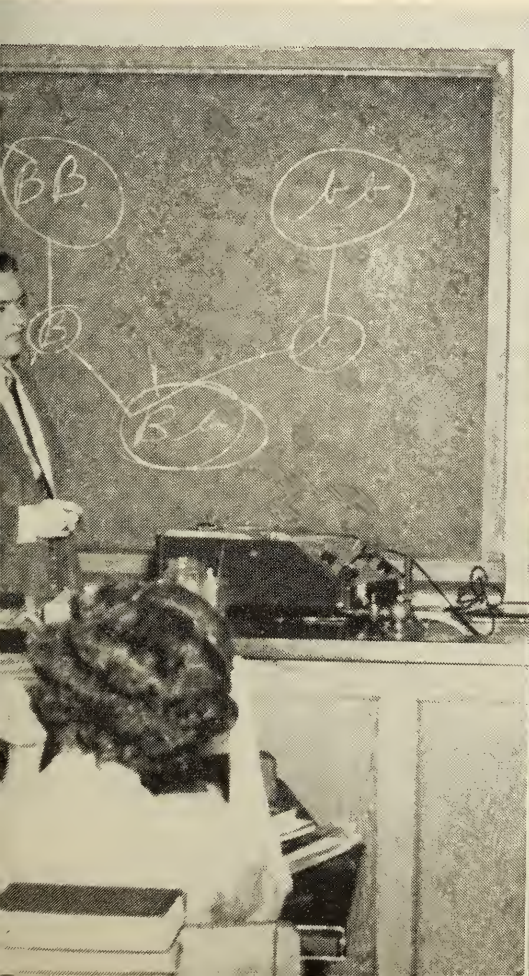
OGLEBAY HALL OF SCIENCE



ABOVE: A RESEARCH PROJECT IN CHEMISTRY

BELOW: STUDENT TEACHER IS MONITORED BY WIRE RECORDER

BELOW: BACTERIOLOGY STUDENTS USE CONSTANT TEMPERATURE UNIT IN LABORATORY

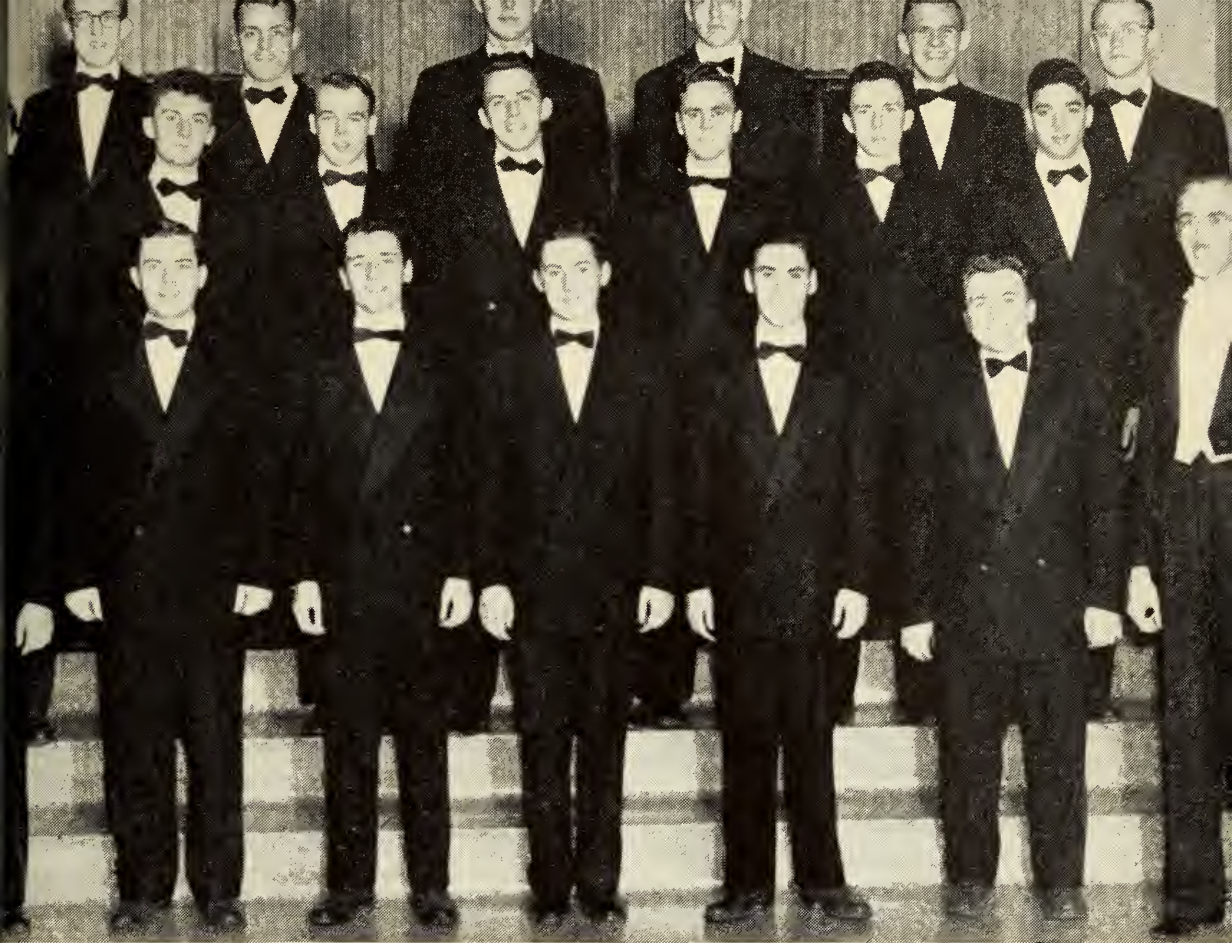




ABOVE: "STAGE DOOR" CAST LOOKS OVER LINES IN DRAMATICS WORKSHOP

BELOW: STUDENT ACTIVITIES PROGRAM COMMITTEE





ABOVE: THE BETHANY MALE CHORUS

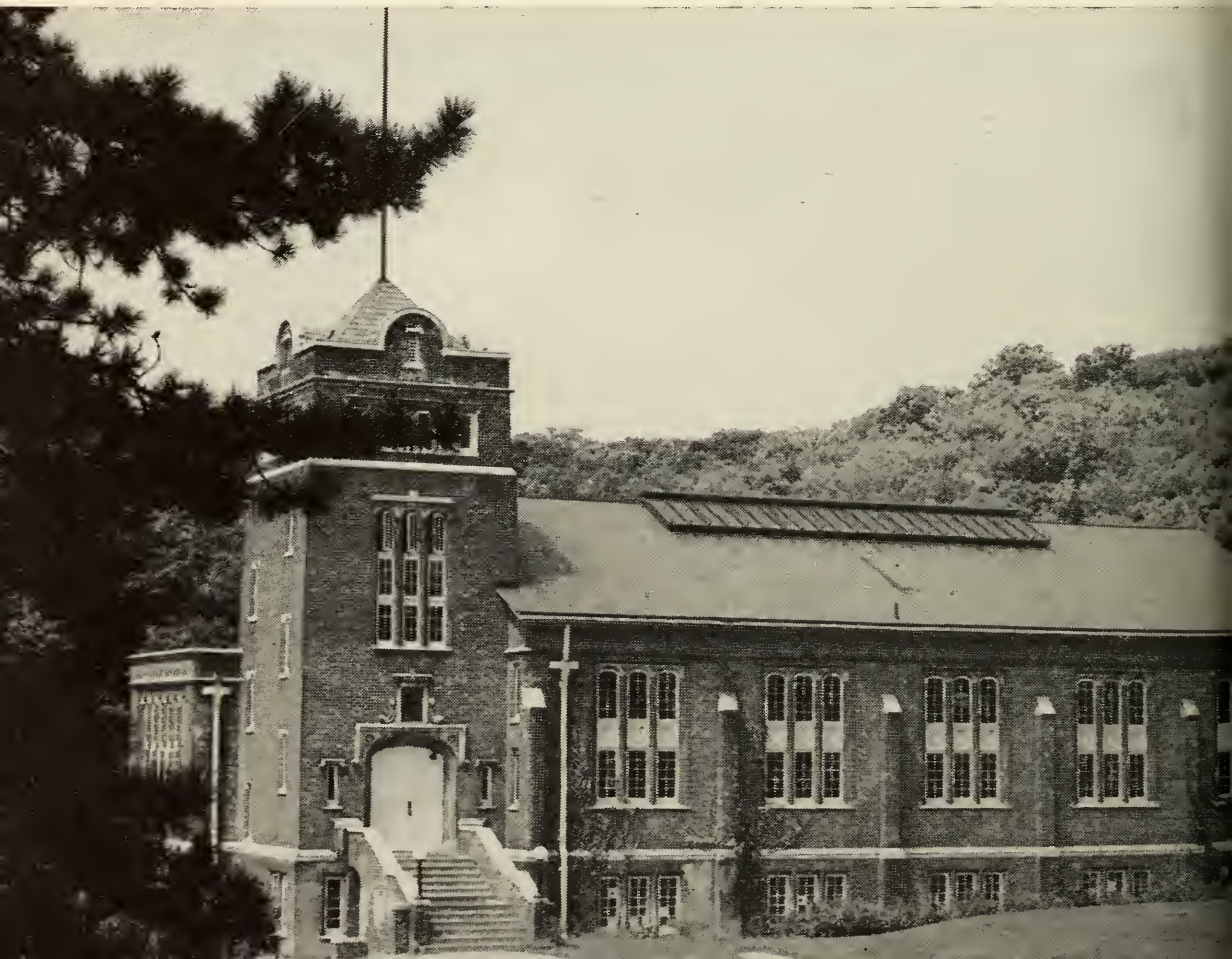
BELOW: MODERN STUDIOS FOR RADIO AND SPEECH INSTRUCTION





ABOVE: HOME OF ALEXANDER CAMPBELL, FOUNDER OF THE COLLEGE

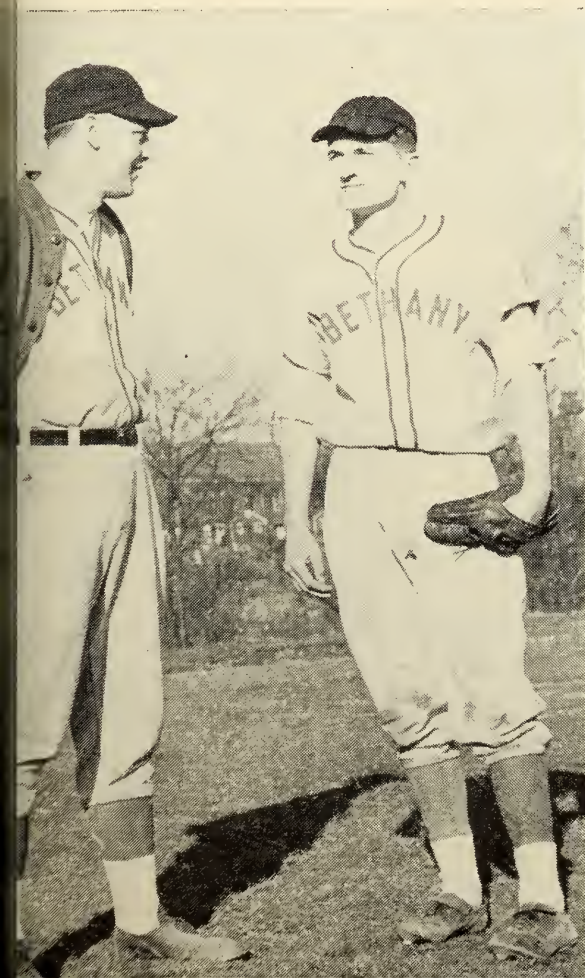
BELOW: IRVIN GYMNASIUM FOR WOMEN





ABOVE: ALUMNI FIELD HOUSE, CENTER OF MEN'S PHYSICAL EDUCATION PROGRAM

BELOW: SPRING MEANS BASEBALL



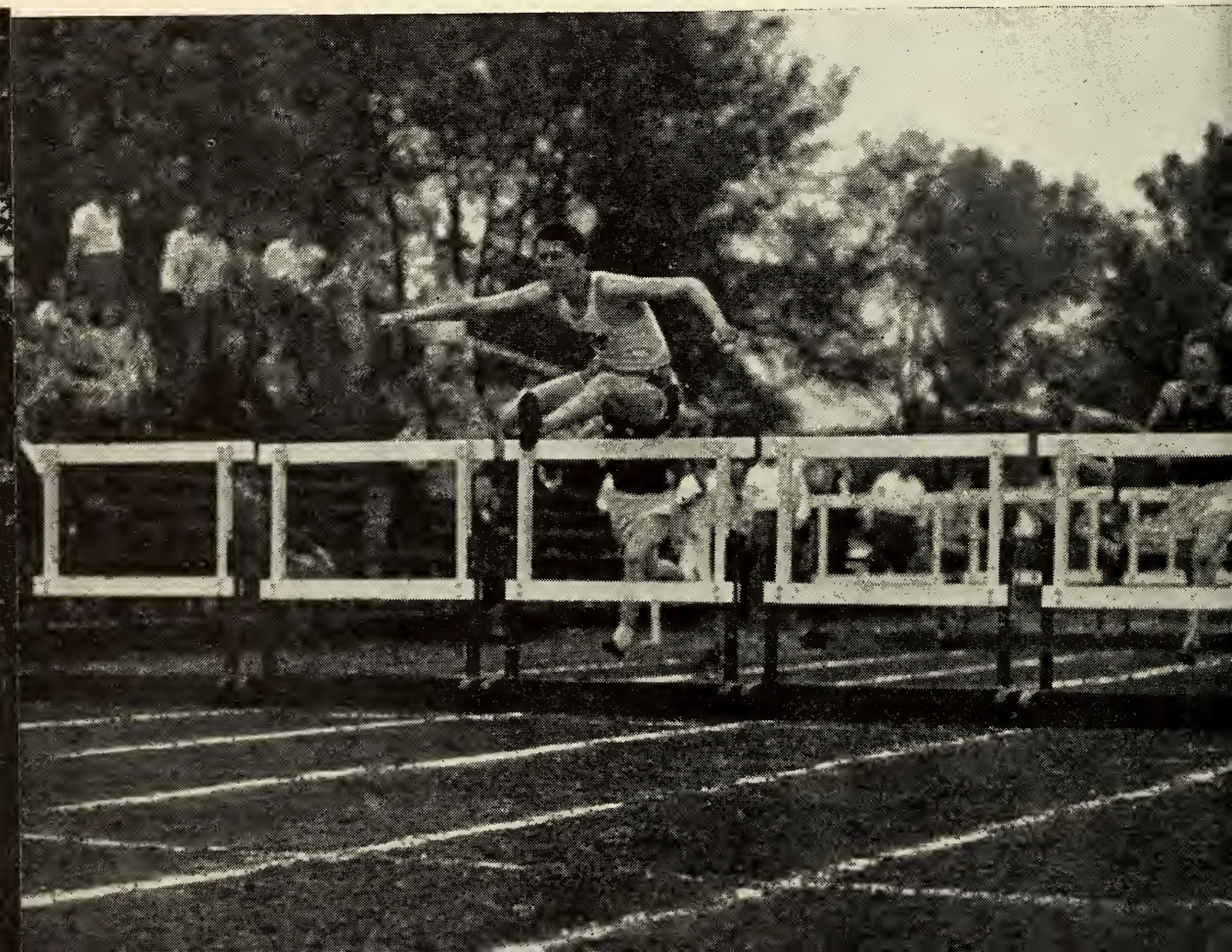
BELOW: ACTION ON THE HARDWOOD





ABOVE: STATE TRACK CHAMPIONS IN 1950 AND 1951

BELOW: TIMBER TOPPERS AT RINE FIELD





ABOVE: MEDICAL ATTENTION IN COLLEGE INFIRMARY

BELOW: LEARNING TO SWIM IN THE IRVIN GYMNASIUM POOL





STUDENTS LEAVING CONVOCATION

Course Offerings

EXPLANATORY NOTES

Courses of Instruction are listed by subject matter fields

In numbering of courses, first semester courses have odd numbers and the second semester courses, even numbers. A course having both an odd and even number, as 11-12, runs continuously throughout the year, but may be elected for either semester unless the course is specifically designated "a continuous course." Courses may not be elected unless prerequisites have been satisfied.

The curriculum of the college recognizes the lower and upper divisions in the arrangement of courses. The lower division covers, roughly, the freshman and sophomore years and the upper division, the junior and senior years. Courses in the lower division are numbered from 11 to 49, and those in the upper division from 50 to 100.

The college reserves the right to discontinue classes in which fewer than five students have enrolled at the end of the registration period.

A R T

21-22 ART APPRECIATION Three hours.

A study of art appreciation in everyday living. A survey of the media and expressions of art.

31-32 INTRODUCTION TO ART Three hours.

The history of art from prehistoric to modern times; designed to develop understanding and appreciation of the arts of other people. Alternates with Art 51-52. Not offered in 1951-1952.

41-42 GRAPHIC EXPRESSION IN DESIGN, MATERIAL AND METHODS Three hours.

A study of textile design, drawing, modeling, and pictorial expression. Special attention is given to projects and methods for the elementary teacher. Three two-hour periods per week.

43-44 CREATIVE EXPRESSION IN FINE AND APPLIED ART Two hours.

(Art in the Elementary School). A study of color, sketching, modeling, designing and pictorial expression. Special attention is given to projects and methods by which the child can display his own creative expressions. Two two-hour periods per week.

46 PRACTICAL ARTS. Three hours.

A course providing experience in handicrafts such as: weaving, metal work, leatherwork, woodwork, and plastics. Skill is acquired in simple tools to be utilized in teaching elementary children.

51 ART IN THE RENAISSANCE. Three hours.

The character of the Renaissance movement and its early development; stress is laid on the great personalities in architecture, sculpture, and especially in painting whose production essentially forms and expresses this period of art. Alternates with Art 31. Not offered in 1951-1952.

52 ART IN THE TWENTIETH CENTURY

Three hours.

Historical and interpretative discussion of architecture, sculpture, painting and the industrial arts from 1905 to the present; the correlation of parallel developments in these arts is indicated and the significance of contemporary civilization is considered. Alternates with Art 32. Not offered in 1951-1952.

BIOLOGY*B. R. WEIMER, Senior Counselor***AIMS**

To acquaint the student with the living world around him and the fundamental dynamic life processes; to demonstrate scientific methods of approach to problem solutions; to cultivate an attitude of inquiry and research; to develop laboratory skill in various types of work in zoology; botany and related fields; and to train students as teachers of biology and for certain professional work related to this field.

REQUIREMENTS FOR FIELD OF CONCENTRATION IN BIOLOGY

A minimum of twenty-four semester hours in the department. A minimum of twelve semester hours of chemistry, at least four of which are organic chemistry, is desirable. German or French should be elected to meet the graduation requirement for foreign languages.

Students who plan to teach or become professional biologists should elect the following sequence of courses: Biology 11-12, 31 or 32, 33, 38, 57, 63, 65, 71, 78 and 87.

Students preparing for work in medicine, dentistry, nursing or as laboratory technicians should elect the following sequence of courses: Biology 11-12, 31 or 32, 33, 63, 76, 78 and 87.

Sequence of courses subject to approval of Senior Counselor.

**REQUIREMENTS FOR FIELD OF CONCENTRATION
IN PRE-MEDICAL TRAINING**

A minimum of twenty hours in the Department of Chemistry which must include Chemistry 11, 12, 51, 52; sixteen hours in biology, which must include Biology 11, 12, 31 or 32. Electives must include eight hours in physics. Sequence of courses subject to approval of Senior Counselor.

11-12 GENERAL BIOLOGY

Three hours.

The fundamental structures and life processes of plants and animals including man, and their important interrelationships. Required of all pre-medical students. (See Physical Education 15 or 16).

31 or 32 COMPARATIVE VERTEBRATE ANATOMY

Four hours.

Comparative anatomy of the representative forms of vertebrates; laboratory study of the comparative anatomy of the shark, necturus and cat. Prerequisite, Biology 11-12. Required of all pre-medical students.

33 HEREDITY AND EUGENICS

Two hours.

Modern theories and laws of heredity and their relation to man.

35 or 36 FIELD ZOOLOGY

Two hours.

Primarily a field study of the taxonomy, ecology and natural history of local animal life. Not offered in 1951-1952.

38 PLANT ECOLOGY AND LOCAL FLORA

Two hours.

Identification of the common seed plants and ferns by the use of manuals and the study of the relation between plants and their environment. Prerequisite, Biology 11-12 or a course in biology at secondary school level. Not offered in 1951-1952.

44 OUR OUTDOORS

One hour.

Field study of man's natural environment from the standpoint of geology and biology. Estimated cost of the course to the student exclusive of tuition, including field trips, food and incidentals: \$5.00 to \$8.00. Enrollment limited to fifteen. Not open to freshmen.

57 ADVANCED GENERAL BOTANY

Three hours.

The structural relationships of various type forms of the plant kingdom together with a study of the fundamental life processes of plants; growth, irritability, food synthesis and metabolism. Prerequisite, Biology 11-12. Not offered in 1951-1952.

63 BACTERIOLOGY

Three hours.

Morphology and physiology of yeasts and bacteria; principles of laboratory technique; cultural characteristics and environmental influences on bacterial growth.

**64 INDUSTRIAL BACTERIOLOGY
AND CLINICAL METHODS**

Three hours.

The bacteriology of water and milk; general food bacteriology; some study of the elementary techniques in clinical methods such as blood work and urine analysis. Practical laboratory assignments and occasional lectures. Recommended prerequisite, Biology 63.

65 or 66 INVERTEBRATE ZOOLOGY

Three hours.

The invertebrate animals including phylogeny and morphology. A laboratory study of representative forms of invertebrates will be made. Prerequisite, Biology 11-12. Alternates with Biology 71. Not offered in 1951-1952.

67 or 68 MARINE BIOLOGY

Four to six hours.

Credit may be given for summer courses taken at the Marine Biological Station at Woods Hole, Massachusetts or at any other station of similar rank.

71 PHYSIOLOGY

Three hours.

Structure and functions of the human body; the mechanism of bodily movements, responses, reactions and various physiological states. Prerequisites, Biology 11-12 and 31 or 32. Alternates with Biology 65 or 66.

76 HISTOLOGY

Three hours.

Structure of the cell and its modification into various tissues with special attention to the theory and practice of general histological technique. Prerequisites, Biology 11-12 and 31 or 32. Alternates with Biology 77 or 78. Not offered in 1951-1952.

77 or 78 VERTEBRATE EMBRYOLOGY

Four hours.

Nature and development of the tissues and organs in vertebrates; embryos of chick and pig studied in the laboratory. Prerequisites, Biology 11-12 and 31 or 32. Alternates with Biology 76.

83 or 84 SEMINAR IN BIOLOGY

One hour.

A survey of the fields of biology and the current literature relating to investigations in those fields. Prerequisites, Biology 11-12; 31 or 32; 33

and 77 or 78. Open only to upper division students. Required of all biology majors.

85 METHODS AND MATERIALS IN TEACHING BIOLOGY

Two hours.

The aims and methods of teaching biology in the secondary schools. Special attention will be given to general laboratory procedure and technique. Prerequisite, sixteen hours in the department and upper division rank.

87-88 INDEPENDENT STUDY IN BIOLOGY

One to three hours.

Designed for those students who desire to do independent study in some special field. The field of study may be selected by the student, subject to the approval of the Head of the Department, according to interest and future needs.

91-92 HONORS COURSE

One to three hours.

Advanced theoretical and experimental work in biology; an introduction to research. Prerequisites, Biology 11-12; 31 or 32; 33 and 77 or 78. Enrollment limited to seniors of superior ability and achievement with permission of the Head of the Department.

CHEMISTRY

C. F. BROWN, *Senior Counselor*

AIMS

To contribute to the student's general culture, his understanding of the nature of the physical world and his understanding of the place of chemistry in industrial and business life; to provide training in the scientific method of reasoning; and to provide students concentrating in this field, with a thorough and practical training in chemistry which may be useful in industrial, technical or educational work.

REQUIREMENTS FOR FIELD OF CONCENTRATION IN CHEMISTRY

A minimum of thirty-two semester hours in the department. Students who plan to become professional chemists or to enter graduate work in chemistry, should elect Chemistry 11-12, 31-32, 51-52, 67-68, 71-72, 75-76, and 83-84; Physics 31-32; Mathematics 11-12, 31-32. Students planning to select chemistry as their field of concentration should enroll in Chemistry 11-12 and Mathematics 11-12 in their freshman year; in the sophomore year, Chemistry 31-32 and Physics 31-32. German or French should be elected to meet the graduation requirement for foreign languages. Sequence of courses subject to approval of Senior Counselor.

11-12 GENERAL CHEMISTRY

Four hours.

Planned to conform to American Chemical Society standards. Prerequisite to all other chemistry courses. Prerequisite, two units of mathematics or concurrently with Mathematics 11-12.

31 QUALITATIVE ANALYSIS

Four hours.

A standard course in qualitative analysis for professional chemists and engineers. Prerequisites, Chemistry 11-12 and Mathematics 11-12.

32 QUANTITATIVE ANALYSIS

Five hours.

A standard course in quantitative analysis for professional chemists and engineers. Chemistry 31 should precede this course whenever possible. Prerequisites, Chemistry 11-12 and Mathematics 11-12.

34 QUANTITATIVE ANALYSIS

Four hours.

A standard course in quantitative analysis designed for pre-medical students and those curricula requiring only four semester hours of quantitative analysis. Lecture material is equivalent to that in Chemistry 32. Prerequisites, Chemistry 11-12 and Mathematics 11-12.

51-52 ORGANIC CHEMISTRY

Four hours.

A standard course in organic chemistry. The laboratory work consists of preparations and an introduction to organic qualitative analysis. Prerequisites, Chemistry 11-12 and 31 or 32 or 34.

67-68 INDUSTRIAL CHEMISTRY

Three hours.

A course designed to teach the unit operations of selected industries. Theory and practice will be taught by lecture, supplemented by selected field trips to various industrial plants. Prerequisites, Chemistry 11-12, and 51-52. Alternates with Chemistry 73 and 85.

71-72 ADVANCED ORGANIC CHEMISTRY

Four hours.

Designed to present advanced material not given in Chemistry 51-52. Required of professional chemists and engineers. Enrollment limited to advanced students and with permission of the Head of the Department. Prerequisite, Chemistry 51-52.

73 PHYSICAL CHEMISTRY, PRE-MEDICAL

Four hours.

A brief introduction to selected areas of physical chemistry for pre-medical students. Not accepted as part of the requirements for chemistry majors. Prerequisites, Chemistry 11-12, 31-32 or 34. Alternates with Chemistry 67. Not offered in 1951-1952.

75-76 PHYSICAL CHEMISTRY

Four or five hours.

A standard course in physical chemistry for professional chemists and engineers. Prerequisites, Chemistry 31-32, 51-52, Physics 31-32 and Mathematics 31-32.

83-84 SEMINAR IN CHEMISTRY

One hour.

A survey in the fields of general, analytical, organic, and physical chemistry; also the current literature relating to investigations in these fields. Prerequisites, Chemistry 11-12, 31-32 or 34, 51-52. Required of all students with a Field of Concentration in Chemistry.

85 METHODS AND MATERIALS**IN TEACHING CHEMISTRY**

Two hours.

The aims and methods of teaching chemistry in the secondary schools. Special attention will be given to general laboratory procedure and technique. Prerequisites, sixteen hours of chemistry and junior or senior rank. Offered in alternate years. Not offered in 1951-1952.

87-88 INDEPENDENT STUDY IN CHEMISTRY

One to three hours.

Designed for those students who desire to do independent study in some special field. The field of study may be selected by the student, subject to the approval of the Head of the Department, according to interest and future needs.

91-92 HONORS COURSE

One to three hours.

Advanced theoretical and experimental work in chemistry; an introduction to research. Enrollment limited to seniors of superior ability and achievement with permission of the Head of the Department.

ECONOMICS AND BUSINESS ADMINISTRATION

R. H. KYLER, *Senior Counselor*

AIMS

The courses are intended to provide all students with the background necessary for a better understanding of current economic and social problems and to prepare them for intelligent citizenship; to train students effectively for responsible positions in the world of business; to lay a thorough foundation for graduate study and teaching in the field.

REQUIREMENTS FOR FIELD OF CONCENTRATION IN ECONOMICS

A minimum of thirty hours in the Department of Economics and Business Administration which must include Economics 31, 32, 45, 47 or 48, 83, 84 and nine hours at upper division level. Recommended courses include Economics 59, 76, 77. Sequence of courses subject to approval of Senior Counselor.

REQUIREMENTS FOR FIELD OF CONCENTRATION IN BUSINESS ADMINISTRATION

A minimum of thirty hours in the Department of Economics and Business Administration which must include Economics 31, 32, 45, 46, 47 or 48, 83, 84 and nine hours at upper division level. Recommended courses include Economics 38, 59, 71, 72; Personnel Administration 75. Sequence of courses subject to approval of Senior Counselor.

REQUIREMENTS FOR FIELD OF CONCENTRATION IN MERCHANDISING

A minimum of twenty-four hours in the Department of Economics and Business Administration which must include Economics 31, 32, 45, 47 or 48, 52 or 54; six hours selected from Journalism 53; Psychology 57, 74; and Personnel Administration 78. Sequence of courses subject to approval of Senior Counselor.

11 or 12 BUSINESS ORGANIZATION AND MANAGEMENT

Three hours.

For beginning students of business administration; intended to give a survey of the general field of business including production, marketing, retailing, salesmanship, personnel administration, insurance, corporation, finance, taxation and banking. Open to freshmen.

13 or 14 AMERICAN ECONOMIC HISTORY

Three hours.

For beginning students of economics; intended to provide the necessary historical background of present economic and business conditions with special emphasis on the economic development of the United States. Open to freshmen.

31-32 PRINCIPLES OF ECONOMICS

Three hours.

The fundamentals of economics; their application to economic, social and political conditions of today is stressed with the purpose of giving the student the approach to an intelligent outlook on current problems. This course is a prerequisite for all upper division courses in this department. Not open to freshmen.

41 or 42 PERSONAL FINANCE

Three hours.

Checking accounts, charge accounts, installment buying, planning a budget, financing a home, investing in securities, buying insurance, making a will, starting a business, and other financial problems confronting the college graduate. Designed for students majoring in other departments. Not

open to freshmen. Registration with permission of the Head of the Department.

45-46 INTRODUCTION TO ACCOUNTING Three hours.

Principles and methods of accounting for different types of business organizations. This course is an indispensable foundation for general business training. Not open to freshmen.

47 or 48 ELEMENTARY BUSINESS STATISTICS Three hours

Statistical principles and their practical application in the administration of modern business; nature, collection and organization of data; presentation of data in tabular and graphic form; the various averages; measures of dispersion; construction and use of index numbers.

51 PRINCIPLES OF MARKETING AND DISTRIBUTION Three hours.

The marketing function of the manufacturer, wholesaler, jobber, retailer, mail-order house, chain store and other marketing institutions; cost of distribution; problems of marketing management and planning; modern trends in marketing. Prerequisites, Economics 31-32 and 45.

52 RETAIL MERCHANDISING Three hours.

Purchasing, receiving and pricing merchandise with emphasis on the retail store and other retail establishments; stock control, sales promotion, retail personnel, credit and collection, retail advertising and accounting survey. Prerequisites, Economics 31-32 and 51. Given in alternate years. Not offered in 1951-1952.

54 PERSONAL SELLING AND SALES MANAGEMENT Three hours.

A presentation of current sales principles and practices with a preparation of the sales talk, the use of the sales talk, the use of the sales portfolio; analysis of demand and a study of the personal characteristics of the successful salesman. Prerequisites, Economics 31-32 and 51. Given in alternate years.

55 or 56 INSURANCE PRINCIPLES AND PRACTICES Three hours.

The principles and practices of the more important forms of insurance; the study of individual coverages or of individual departments of insurance work with an appreciation of their importance and of their interrelationships. Prerequisites, Economics 31-32 and 45. Given in alternate years.

57 CORPORATION FINANCE Three hours.

The corporation and its development and place in modern industry; the principles and phenomena which rise out of the acquisition and utilization of capital for business purposes. Prerequisites, Economics 31-32 and 45. Given in alternate years. Not offered in 1951-1952.

58 BUSINESS LAW Three hours.

The basic principles of American business law and their application to concrete situations; the study of the law as a necessary instrument for the business man; modern trends in business law. Problems from actual controversies are used. Prerequisites, Economics 31-32 and 45. Given in alternate years. Not offered in 1951-1952.

59 MONEY, CREDIT AND BANKING Three hours.

The principles of monetary and banking theory as they exist at present and a survey of banking practices, intended to give a thorough understanding of contemporary money, credit, and banking problems. Prerequisites, Economics 31-32 and 45.

67-68 INTERMEDIATE ACCOUNTING**Three hours.**

Theory and practice of valuation of assets and liabilities; inventories, consignments, installment sales, investments, funds, reserves and related accounting problems; analysis and interpretation of financial statements. Prerequisites, Economics 31-32 and 45-46. Given in alternate years. Not offered in 1951-1952.

71 or 72 PUBLIC FINANCE AND TAXATION**Three hours.**

A survey of the principles of government finance combined with a thorough study of the federal tax system. Prerequisites, Economics 31-32 and 45.

74 INDUSTRIAL MANAGEMENT**Three hours.**

The scientific management movement; location and layout of industrial plants; types of organization; standards of operation; purchasing and inventory control; wage payment plans; production control; research and inspection problems. Prerequisites, Economics 31-32 and 45-46. Given in alternate years.

75 LABOR PROBLEMS**Three hours.**

(Personnel Administration 75). The position of the wage earner in modern industrial society; policies, methods and objectives of organized labor; meaning and determinants of labor supply and employment; sub-standard workers; quest for security; union recognition; social and economic objectives of industrial democracy. Prerequisites, Economics 31-32.

76 HISTORY OF ECONOMIC THOUGHT**Three hours.**

Outstanding writers and their ideas are studied in relation to the conditions that led to important changes and developments in economic thinking; current trends of thought. Primarily for seniors who plan to do graduate work in economics.

77 ADVANCED ECONOMIC THEORY**Three hours.**

An analysis of the theories of value and distribution with emphasis on the forces affecting price and output policies of firms under conditions of competition, monopolistic competition, and monopoly; economic theory applied to current problems on an advanced level. Primarily for seniors who plan to do graduate work in economics.

78 PERSONNEL MANAGEMENT**Three hours.**

(Personnel Administration 78) Procedures, activities and evaluation of personnel management and industrial relations in business and industry; selection and placement; job analysis and evaluation; training and promotion; job satisfaction; wage theory and procedures; manpower utilization; labor-management relations. This course presupposes some knowledge of psychology and statistical method. Given in alternate years. Not offered in 1951-1952.

80 GOVERNMENT AND LABOR**Three hours.**

(Personnel Administration 80). The role of government in mediation, investigation and arbitration of labor disputes; regulatory and protective legislation; legislative and judicial appreciation of the economic, social and political problems involved. Reading and independent study. Prerequisite, Economics 75 and permission of instructor. Given in alternate years.

**83-84 SEMINAR IN ECONOMICS AND
BUSINESS ADMINISTRATION****Three hours.**

Economic and business problems are studied on an advanced level for the purpose of supplementing and correlating work done in other courses. Required of all students with Fields of Concentration in Economics or

Business Administration. Registration with permission of the Head of the Department.

87-88 INDEPENDENT STUDY IN ECONOMICS AND
BUSINESS ADMINISTRATION

One to three hours.

Designed for students who desire to do independent study in some special field. The field of study may be selected by the student, subject to the approval of the Head of the Department, according to interest and future needs.

91-92 HONORS COURSE

One to three hours.

Advanced projects and minor research studies. Readings, conferences, and reports on a field of special interest. Enrollment limited to seniors of superior ability and achievement with permission of the Head of the Department.

EDUCATION

K. P. RIESCH. *Senior Counselor*

AIMS

This department seeks to develop in all students a wholesome and intelligent attitude toward public education; to cultivate thinking about problems in education; to integrate its work with that of other departments in a well-rounded liberal and professional education of prospective teachers who may qualify for teaching in Ohio, Pennsylvania, West Virginia and other states, and to offer some technical preparation for guidance work.

REQUIREMENTS FOR FIELD OF CONCENTRATION IN EDUCATION

A minimum of twenty-four hours in the Department of Education; a minimum of six hours in the Department of Psychology. Sequence of courses subject to approval of Senior Counselor.

TEACHER TRAINING

Students who are interested in teaching should confer with the Head of the Department of Education as early as possible, preferably during the freshman year and not later than the beginning of the upper division work.

21 INTRODUCTION TO ELEMENTARY EDUCATION Three hours.

A survey of the opportunities, supply and demand for the elementary teacher . . . its aims, organization, and procedures. This course is designed to acquaint students with the importance of the child's social development at the elementary level.

22 PRINCIPLES OF ELEMENTARY EDUCATION Three hours.

(School Management). A study of the modern practices in the elementary school with emphasis on organization, school management, and the classification of the elementary pupils.

31-32 HUMAN GROWTH AND DEVELOPMENT Three hours.

The understanding and appreciation of individual and group development from infancy up to adolescence during the first semester and during adolescence the second semester; the type of school which best meets the needs and interests of children and youth; observations and first hand contacts with children. Classroom discussion of carefully selected motion pictures showing how children develop.

51 HISTORY AND PHILOSOPHY OF EDUCATION Three hours.

Educational theory and practice from the days of ancient Greece to the present. The pivotal aim of the course is to secure an understanding

of contemporary education through a survey of the thinking of great leaders of educational thought, past and present.

52 PRINCIPLES OF SECONDARY EDUCATION

Three hours.

The functions and characteristics of the modern high school which can best serve the important needs of American Youth today; current issues and trends; problems of young people today. Some observations of high schools and high school students are required.

56 CHILD AND ADOLESCENT PSYCHOLOGY

Three hours.

(Psychology 56). The physical, intellectual, emotional, social, moral, and religious development of the individual in infancy, childhood and adolescence, with special attention to the more serious mental problems of children and adolescents. Prerequisites, Psychology 31-32 or 31 and 59 or 60.

59 or 60 EDUCATIONAL PSYCHOLOGY

Three or four hours.

(Psychology 59 or 60). The nature and laws of learning; original nature as conditioning learning; the amount, rate, limit and permanence of improvement; factors and conditions affecting learning; transfer of training; mental fatigue; individual differences; efficient methods of study. Prerequisite, Psychology 31.

61 READING METHODS

Three hours.

A study of techniques, skills, and procedures in language arts, reading, speech, and handwriting.

62 MEASUREMENT OF INTELLIGENCE

Three hours.

(Psychology 62). The more important techniques for the measurement of intelligence; historical background, validation and use of intelligence tests in education and in out-of-school agencies. Laboratory work with individual and group tests. Prerequisite, Psychology 31-32.

63 STATISTICAL METHODS

Two hours.

(Psychology 63). Introduction to statistical concepts and techniques commonly used in psychological, sociological and educational research. Measures of central tendency, variability, reliability, psychological scaling techniques and correlation. Emphasis on interpretation and utility of various concepts. Not open to students who have taken Economics 47 or 48.

64 PRIMARY METHODS

Two hours.

A course specially designed to aid student teachers interested in teaching at the primary level. The student is familiarized with a variety of techniques and methods that can be adapted to the primary level.

65 AUDIO-VISUAL EDUCATION

Two hours.

Stresses importance of proper utilization of visual and auditory materials and equipment including blackboards, maps, pictures, slides, motion pictures, radio and recordings; where to secure teaching materials; the development of resourcefulness in making use of what one has in a community and school. Students have laboratory experiences with both visual and auditory equipment.

67-68 SKILLS OF SUBJECT AND CONTENT METHODS

Three hours.

This course aims to acquaint the teacher with procedures, techniques, and methods essential to teaching the subject and content phases of the elementary curriculum. Attention is given to social studies, science, geography, language, spelling, writing, and arithmetic.

72 EDUCATIONAL MEASUREMENTS

Two hours.

A study of the background of testing; construction of tests by the classroom teacher; evaluation, use and the interpretation of standard measurements and their relation to the educative process.

76 GUIDANCE PRINCIPLES AND PRACTICES

Two hours.

The purpose, procedures, and techniques of guidance work; the role of the teacher in a guidance program. This course should be elected by students who are planning to enter the field of education as teachers, counselors or administrators. Not offered in 1951-1952.

78 TECHNIQUES OF TEACHING

Two hours.

Basic methods, materials, and techniques of present day teaching to serve as an introductory course for practice teaching. Recommended for all students who expect to take Education 81 or 82. Required of all students seeking certification in West Virginia in the secondary field.

79-80 OBSERVATION AND DIRECTED TEACHING IN**ELEMENTARY EDUCATION**

Five or six hours.

This course provides students with the opportunity to observe and teach students at the elementary school level. Students are required to fill out an application for permission to take this course prior to advanced registration. This application requires the recommendation of the student's Senior Counselor. Students should not register for more than sixteen semester hours of academic work, including student teaching during the semester that the course is carried. Student teaching is carried on in elementary schools of Brooke County under critic teachers, and supervised by members of the Department of Education.

**81-82 OBSERVATION AND DIRECTED TEACHING IN
SECONDARY EDUCATION**

Six hours.

Observations, teaching, and participating activities in the public secondary schools; the role of teachers and principals in the administration of the high schools. Students are required to fill out an application for permission to take this course prior to advance registration. This application requires the recommendation of the student's Senior Counselor. Students should not register for more than sixteen semester hours of academic work, including student teaching during the semester that the course is carried. Supervised teaching will be restricted to high schools within a radius of approximately fifty miles from Bethany.

85-86 SPECIAL METHODS IN TEACHING

See courses offered in several departments, viz:

Biology 85	Modern Languages 85
Chemistry 85	Music 85 or 86
English 85 or 86	Physical Education 85
History 85 or 86	Physics 85 or 86
Mathematics 86	Religious Education 86

87-88 INDEPENDENT STUDY IN EDUCATION

One to three hours.

Designed for those students who desire to do independent study in some special field. The field of study may be selected by the student, subject to the approval of the Head of the Department, according to interest and future needs.

91-92 HONORS COURSE

One to three hours.

Advanced projects and minor research studies in professional education. Readings, conferences, and reports on a field of special interest. Enrollment limited to seniors of superior ability and achievement with permission of the Head of the Department.

ENGLISH

E. L. McCORMICK, *Senior Counselor*

AIMS

To teach students to read, write, and speak effectively, and to make them aware of the aesthetic, intellectual, and social values to be found in literature.

REQUIREMENTS FOR FIELD OF CONCENTRATION IN ENGLISH

A minimum of thirty hours in the department which must include English 31-32 and 83-84. Recommended courses include English 33 or 34, 49-50, 51-52, 53 or 54, 73 or 74; Speech 31, 51 or 52; and History 69. Sequence of courses subject to approval of Senior Counselor.

11-12 WRITTEN AND SPOKEN ENGLISH

Three hours.

First semester emphasizes fundamentals of composition in writing and speaking; review of grammar. Second semester places greater emphasis on content and style in composition with instruction and practice in the technique of preparing a research paper. Vocabulary study, selected readings, and conference work.

27-28 STUDY AND APPRECIATION OF ENGLISH AND AMERICAN LITERATURE

Three hours.

A course devoted to literary types and emphasizing an aesthetic approach to literature. An introduction to literature course intended primarily for the general student.

31-32 THE LITERATURE OF ENGLAND

Three hours.

The development of English literature from the beginnings to the present. Required of all students who choose English as their field of concentration.

33-34 ADVANCED WRITTEN AND SPOKEN ENGLISH

Three hours.

Opportunity for advanced writing and speaking with particular emphasis on content and style in composition.

35-36 AMERICAN LITERATURE

Three hours.

A study of American literature, with emphasis on the works of the chief nineteenth century writers. Alternates with English 51-52. Not offered in 1951-1952.

38 BACKGROUNDS OF CHILDREN'S LITERATURE

Three hours.

A study of literature for children, literary types, folk songs, and rhymes. This course aims to familiarize students with a wide variety of literature suitable for children and to help them evaluate children's books.

51-52 WORLD LITERATURE

Three hours.

Literature of the western world which has influenced the development of English literature. Alternates with English 35-36.

53 or 54 GROWTH AND STRUCTURE OF THE ENGLISH LANGUAGE

Three hours.

An historical study of the language, its grammar, its foreign borrowings, with emphasis on present-day English. Alternates with English 85 or 86. Not offered in 1951-1952.

56 CONTEMPORARY POETRY

Three hours.

British and American poetry by such writers as Robinson, Hopkins, Yeats, Eliot, Auden, and Frost will be analyzed and discussed. Prerequisite, English 27-28 or its equivalent. Alternates with English 58.

58 MODERN DRAMA

Three hours.

A detailed study of the drama since Ibsen. Prerequisite, English 27-28 or its equivalent. Alternates with English 56. Not offered in 1951-1952.

60 THE NOVEL

Three hours.

The development of the novel in English from Fielding to Henry James. Prerequisite, English 27-28 or its equivalent. Alternates with English 80. Not offered in 1951-1952.

71-72 THE BIBLE AS LITERATURE

Three hours.

(Old Testament 71-72). Origin, development, and literary values of the various types of literature of the Bible.

73 CHAUCER AND HIS CONTEMPORARIES

Three hours.

A study of the literature of the fourteenth and fifteenth centuries with particular stress on the works of Chaucer. Alternates with English 75.

74 SHAKESPEARE

Three hours.

Intensive study of representative plays with assigned reading in Shakespeare criticism. Alternates with English 76.

75 THE RENAISSANCE

Three hours.

A study of the prose and poetry of the English Renaissance. Prerequisite, English 31-32 or 27-28. Alternates with English 73. Not offered in 1951-1952.

76 THE SEVENTEENTH CENTURY

Three hours.

English prose and poetry from Donne through Dryden with emphasis on the works of Milton. Prerequisite, English 31-32 or 27-28. Alternates with English 74. Not offered in 1951-1952.

77 THE EIGHTEENTH CENTURY

Three hours.

English prose and poetry from Addison through Cowper. Prerequisite, English 31-32 or 27-28. Alternates with English 79. Not offered in 1951-1952.

79-80 THE NINETEENTH CENTURY

Three hours.

English prose and poetry from Blake through Swinburne. Prerequisite, English 31-32 or 27-28. Alternates with English 77 and 60.

83-84 SEMINAR IN LITERATURE

Two hours.

Required, in the senior year, of all students who elect English as their field of concentration. Extensive reading for the purpose of correlating and supplementing work done in other courses.

**85 or 86 METHODS AND MATERIALS IN
TEACHING ENGLISH**

Two hours.

Analysis and discussion of methods and materials of instruction that have been used most effectively in the teaching of English literature and composition in secondary schools. Alternates with English 53 or 54.

87-88 INDEPENDENT STUDY IN ENGLISH

One to three hours.

Designed for those students who desire to do independent study in some special field. The field of study may be selected by the student, subject to the approval of the Head of the Department. Prerequisites, English 31-32 and six hours advanced work in English.

91-92 HONORS COURSE

One to three hours.

Readings, conferences, and reports on a field of special interest. Enrollment limited to seniors of superior ability and achievement with permission of the Head of the Department.

GEOGRAPHY AND GEOLOGY

31 PRINCIPLES OF GEOGRAPHY

Three hours.

The general principles of the science including earth origins, the results of the dynamic geographical agencies tending to change its surface. Practical work in mineralogy, physiography and stratigraphy is required during the courses.

32 HISTORICAL GEOLOGY

Three hours.

The history of the earth as revealed by its strata. Laboratory and field study of the common fossils and local formations.

51 or 52 WORLD GEOGRAPHY

Three hours.

The political and social geography of the world with emphasis on the new map of Europe and Asia.

HISTORY AND POLITICAL SCIENCE

B. C. SHAW, *Senior Counselor*

AIMS

To present the origin and development of institutions and ideas and to point out the great traditions that are moulding our thought and action today; to gain a better perspective of our own political, economic and social structure and to be more aware of the nature and needs of contemporary life. The courses in political science are intended to acquaint the student with the political institutions and political problems in the United States and the world today.

REQUIREMENTS FOR FIELD OF CONCENTRATION IN HISTORY

A minimum of thirty hours in the department which must include twelve hours in European History, twelve hours in American History and six hours in Political Science. Sequence of courses subject to approval of Senior Counselor.

EUROPEAN AND WORLD HISTORY

11-12 DEVELOPMENT OF SOCIAL INSTITUTIONS

Three hours.

The development of political, social and cultural institutions from ancient times to the twentieth century, especially as they contribute to an understanding of our own civilization.

27 FUNDAMENTAL SOCIAL PROBLEMS

Three hours.

The recent background and development of the great social, economic and political forces of our own day. Includes the problems of war and peace, democracy and totalitarianism, capital and labor, and the welfare state.

28 FUNDAMENTAL SOCIAL PROBLEMS

Three hours.

(Sociology 28). The impact of social change; the major lags leading to social breakdowns; unemployment, poverty, dependency and disease; various deficiencies and maladjustments; programs for social adjustment.

51-52 MODERN EUROPEAN HISTORY

Three hours.

The political and cultural history of Europe from 1660 to the present.

54 HISTORY OF THE FAR EAST

Three hours.

A survey of the history and civilization of India, China, Japan, and other countries of the Orient. Offered in alternate years.

55 THE HISTORY OF ENGLAND Three hours.

English institutions and the English people from the ninth to the early twentieth centuries. Offered in alternate years. Not offered in 1951-1952.

56 NAPOLEON TO STALIN Three hours.

Selected political and intellectual movements in Europe and Asia in the last hundred and fifty years together with the lives and achievements of outstanding men and women. Offered in alternate years. Not offered in 1951-1952.

73 ANCIENT CIVILIZATION Three hours.

The history of the Near East, Greece, and Rome to the early fifth century A. D. Offered in alternate years.

74 THE MIDDLE AGES AND THE RENAISSANCE Three hours.

European civilization and culture from the fifth to the sixteenth centuries. Offered in alternate years.

76 INTERNATIONAL RELATIONS SINCE 1945 Three hours.

The political aftermath of the Second World War; the United Nations and problems of international cooperation and peace; American foreign policy and Russo-American relations. Offered in alternate years. Not offered in 1951-1952.

AMERICAN HISTORY**13 or 14 AMERICAN ECONOMIC HISTORY** Three hours.

(Economics 13 or 14). The historical background of present-day economic conditions in the United States.

31-32 UNITED STATES HISTORY Three hours.

The political, economic and social growth of America from the period of exploration to the present day.

33-34 THE HISTORY OF PENNSYLVANIA One hour.

Will be taken in conjunction with History 31-32 or another course in American History.

35 or 36 WEST VIRGINIA HISTORY, GOVERNMENT AND GEOGRAPHY Three hours.

The history of the western sections of Virginia to the Civil War and the history and government of West Virginia to the present day. The physical, political and social geography of the state will be included. Offered in alternate years.

71 TWENTIETH CENTURY AMERICA Three hours.

A history of the United States since the end of World War I. Emphasis is placed on social history, the depression, the reforms of the New Deal, and the place of the United States in world affairs today. Offered in alternate years.

72 LATIN AMERICA Three hours.

A cultural and political history of Central and South America with emphasis on the period since 1890. Offered in alternate years.

77 THE DEVELOPMENT OF THE AMERICAN NATION Three hours.

A history of the United States from 1828 to 1860. This course will consider the rise of Jacksonian Democracy, the effects of that movement, and the coming of the Civil War. Offered in alternate years. Not offered in 1951-1952.

78 THE AGE OF BIG BUSINESS**Three hours.**

The political, social, and economic history of the United States from 1865 to 1914. Emphasis is placed on the growth of industrialism during this period and the resulting attempts at social reform. Offered in alternate years. Not offered in 1951-1952.

POLITICAL SCIENCE**55 UNITED STATES GOVERNMENT****Three hours.**

A study of the structure and functions of the federal and state governments in the United States. Offered in alternate years.

58 UNITED STATES FOREIGN POLICY**Three hours.**

A historical approach to the development of United States foreign policy coupled with a study of the operation of the Department of State today. The effect of foreign policy on world affairs will also be considered. Offered in alternate years.

73 ORIGINS OF AMERICAN DEMOCRACY**Three hours.**

A course in political theory dealing with the classical and European backgrounds of the Declaration of Independence and the Constitution of the United States. The early national period will be studied from a Constitutional approach. Offered in alternate years. Not offered in 1951-1952.

76 POLITICS, PARTIES AND PRESSURE GROUPS**Three hours.**

A pragmatic approach to the study of United States politics. The party system and the functioning of that system today along with a study of pressure groups and public opinion will be included. Offered in alternate years. Not offered in 1951-1952.

80 GOVERNMENT AND LABOR**Three hours.**

(Personnel Administration 80). The role of government in mediation, investigation and arbitration of labor disputes; regulatory and protective legislation; legislative and judicial appreciation of the economic, social and political problems involved. Reading and independent study. Prerequisites, Economics 75 and permission of the instructor. Offered in alternate years.

HISTORICAL METHODS AND PROBLEMS**83-84 SEMINAR IN HISTORY****One hour.**

A study of sources, materials, historical criticism and interpretations of history. Required of all students with a Field of Concentration in History and Political Science.

**85 or 86 METHODS AND MATERIALS IN
TEACHING HISTORY****Two or three hours.**

Designed to aid the prospective high school teacher. Offered in alternate years. Not offered in 1951-1952.

87-88 INDEPENDENT STUDY IN HISTORY**One to three hours.**

Designed for those students who desire to do independent study in some special field. The field of study may be selected by the student, subject to the approval of the Head of the Department, according to interest and future needs.

91-92 HONORS COURSE**One to three hours.**

Advanced projects and minor research studies in history and political science. Readings, conferences, and reports on a field of special interest. Enrollment limited to seniors of superior ability and achievement with permission of the Head of the Department.

JOURNALISM

E. E. ROBERTS, *Senior Counselor*

AIMS

To provide background and technical training for students preparing to do newspaper work or professional writing.

REQUIREMENTS FOR FIELD OF CONCENTRATION IN JOURNALISM

A minimum of twelve hours of English composition and literature, Journalism 53 and 63 and twelve additional hours in journalism. Sequence of courses subject to approval of Senior Counselor.

53 REPORTING

Three hours.

Techniques and values in news reporting and news writing; emphasis upon learning to write clearly, forcefully and distinctively; writing of daily news stories, weekly features and all types of news copy.

55 ADVERTISING

Three hours.

Department store, financial and business advertising programs; buying motives, sales appeals, copywriting; research, media, and production.

56 ADVANCED REPORTING

Three hours.

Make-up, re-write and copy desk procedure. Prerequisite, Journalism 53 or permission of the instructor.

63 FEATURES

Three hours.

Writing of twenty special features for magazines and trade journals—minimum of 35,000 words.

64 ADVANCED FEATURES

Three hours.

Study of the magazine field with the submission of feature articles written for specific magazines—minimum 50,000 words. Prerequisite, Journalism 63 or permission of the instructor.

66 HISTORY OF AMERICAN JOURNALISM

Three hours.

Journalistic backgrounds, development of American newspapers and magazines from colonial days to the present; a parallel study of advertising and advertising methods which have made modern American journalism possible. Prerequisite, Journalism 53 or 63 or permission of the instructor.

71 RADIO AND PLAY WRITING

Three hours.

A study of modern plays and radio scripts and the actual writing of one-act plays or radio scripts as the student may elect.

72 CONTEMPORARY REPORTING PROBLEMS

Three hours.

Reporting in special fields such as labor, science or business; a study of news releases and much actual writing in these fields—minimum 75,000 words.

73 SHORT STORY

Three hours.

Study of narration and characterization as related to the writing of fiction and the actual writing of twenty short stories to be approved by the instructor—minimum 40,000 words.

74 ADVANCED FICTION

Three hours.

Intensive writing in some field of fiction, selected by the student and approved by the instructor—minimum 100,000 words. Prerequisite, Journalism 71 or 73.

91-92 HONORS COURSE

One to three hours.

Advanced writing projects for students whose field of concentration is Journalism. Enrollment limited to seniors of superior ability and achievement with permission of the Head of the Department.

LIBRARY SCIENCE**41 or 42 INTRODUCTION TO LIBRARIANSHIP**

Three hours.

An overview of the field of librarianship, and library development with suggestion of opportunities for service which the library profession offers.

61 or 62 LIBRARY TECHNIQUE

Three hours.

Library organization and routines; planned to familiarize the prospective library school student with the kind of work and the type of problems undertaken in the professional library school. A laboratory course. Prerequisite, Library Science 41.

71 or 72 LIBRARY ADMINISTRATION

Three hours.

Functions of business management and organization, personnel administration, and statistical analysis applied to the administration of the library. Prerequisites, Library Science 61; Economics 47; and Personnel Administration 66.

MATHEMATICS*B. TYE, Senior Counselor***AIMS**

To give the prospective teacher an understanding and appreciation of the fundamental ideas of elementary mathematics; to provide the general student with a knowledge of the mathematical foundation of our civilization; to provide a tool for the technical student; and to give the prospective graduate student a proper foundation for later study and research.

REQUIREMENTS FOR FIELD OF CONCENTRATION IN MATHEMATICS

A minimum of twenty-four hours in the department, including Mathematics 31-32, and at least twelve hours on upper division level which should include Mathematics 53-54. Students interested in science and engineering should elect Mathematics 71 and 72. Students interested in economics should elect Mathematics 57 and 58. Students interested in mathematics as a teaching subject should elect Mathematics 55 and 56. Two courses in the department should be taken in the senior year. Sequence of courses subject to approval of Senior Counselor.

REQUIREMENTS FOR FIELD OF CONCENTRATION IN APPLIED MATHEMATICS

A minimum of thirty hours with at least eighteen hours in the Department of Mathematics which must include Mathematics 11, 12, 31, 32, 57, 58 and fifteen hours in the Department of Economics and Business Administration which must include Economics 45, 46, 55 or 56, 59, 71 or 72. Recommended courses include Mathematics 53, 54 and Economics 57, 58, 67, 68. Sequence of courses subject to approval of Senior Counselor.

11 or 14 MATHEMATICAL ANALYSIS

Three hours.

Plane trigonometry, logarithms and the slide rule; linear and quadratic equations; inequalities, progressions and binomial theorem; mathe-

mathematical induction; analytic geometry of the straight line; determinants. Students enrolling in this course who rank low in the mathematics achievement test for freshmen will be required to attend a special laboratory section until their deficiency is corrected.

12 MATHEMATICAL ANALYSIS Three hours.

Polar coordinates; DeMoivre's theorem; theory of equations; permutations and combinations; the analytic geometry of second degree curves; quadric surfaces; applications of analytical methods and an introduction to the derivative. Prerequisite, Mathematics 11 or three units of mathematics at the secondary school level, including trigonometry and high standing in the mathematics achievement test for freshmen.

31-32 DIFFERENTIAL AND INTEGRAL CALCULUS Three hours.

Technique of differentiation and integration with applications and an introduction to infinite series. Prerequisite, Mathematics 11-12.

35 MATHEMATICS FOR TEACHERS Two hours.

A study of the fundamental principles, concepts, and methods of teaching arithmetic. A course designed to acquaint students with the basic mathematics necessary for teaching in the elementary field. Offered in alternate years. Not offered in 1951-1952.

41-42 ENGINEERING DRAWING Three hours.

Free-hand lettering; orthographic projection, including sections and auxiliary views; dimensioning; isometric and oblique projections with emphasis on working drawings. Standard symbols and conventions. Ink and pencil tracings. Offered in alternate years. Not offered in 1951-1952.

43 DESCRIPTIVE GEOMETRY Three hours.

Principles of projections; non-metric and metric problems; plane sections and developments; intersections of surfaces; construction of perspective drawings. This course achieves an effective correlation between descriptive and analytic geometry by presenting both methods, the graphic and the algebraic. Not offered in 1951-1952.

44 PLANE SURVEYING Three hours.

Care and use of surveying instruments; field problems; computation and mapping. One hour class and four hours field work each week.

52 MECHANICS Three hours.

(Physics 52). A treatment of classical mechanics with application of principles and a brief consideration of wave mechanics. Prerequisites, Physics 31-32 and Mathematics 31-32. Offered in alternate years. Not offered in 1951-1952.

53-54 ADVANCED CALCULUS Three hours.

Theory of the derivative and the definite integral; partial differentiation and its applications; Green's and Stoke's theorems; power series; Fourier series; vector notation; complex variable. Prerequisite, Mathematics 31-32. Offered in alternate years. Not offered in 1951-1952.

55 INTRODUCTION TO HIGHER ALGEBRA Three hours.

Theory of equations; solution of cubic, quartic, and numerical equations; complex numbers and an introduction to the fundamental concepts of algebra — class, group, field, number. Prerequisite, Mathematics 31-32. Offered in alternate years.

56 INTRODUCTION TO MODERN GEOMETRY Three hours.

Euclidean and non-Euclidean geometries; an introduction to synthetic projective geometry; the concept of limit and infinity; geometrical constructions, recent developments and theorems. Prerequisite, Mathematics 31-32. Offered in alternate years.

57 MATHEMATICS OF STATISTICS Three hours.

Frequency distributions; measures of central tendency; dispersion and correlation; regression equations and the theory of probability. Prerequisite, Mathematics 11-12. Offered in alternate years.

58 MATHEMATICS OF FINANCE AND INVESTMENT Three hours.

The operation of interest and annuities; amortization of debts and sinking funds; valuation of bonds; the experience table and calculation of premiums for life insurance. Prerequisites, Mathematics 11; Economics 31-32. Offered in alternate years. Not offered in 1951-1952.

59 SPACE GEOMETRY Three hours.

Advanced methods and problems of analytic geometry of two and three dimensions; the general equation of the second degree; poles and polars; quadric surfaces; determinants. This course includes the concepts of elements at infinity, homogeneous coordinates, line coordinates, cross ratio, transformations, and complex elements. Prerequisite, Mathematics 31-32. Offered in alternate years. Not offered in 1951-1952.

71 DIFFERENTIAL EQUATIONS Three hours.

Methods of solution of ordinary differential equations and their applications to the physical sciences. Prerequisite, Mathematics 31-32. Offered in alternate years.

72 APPLIED MATHEMATICS Three hours.

Applications of ordinary and partial differential equations to problems in physics, chemistry and electricity; vibrating string and heat flow problems; vector calculus and applications. Prerequisite, Mathematics 71. Offered in alternate years.

83-84 SEMINAR IN MATHEMATICS One hour.

Special reports prepared and presented by the student under supervision. The work of the second semester will help prepare the student for the comprehensive examination. Required of all students concentrating in the Field of Mathematics. Open only to seniors.

86 METHODS AND MATERIALS IN TEACHING MATHEMATICS Two or three hours.

Approved methods in teaching mathematics at the secondary level; class period activities of the teacher; procedures and devices in teaching; organization of materials, testing, aims, and modern trends. Open only to juniors and seniors who expect to teach. Offered in alternate years. Not offered in 1951-1952.

87-88 INDEPENDENT STUDY IN MATHEMATICS One to three hours.

Designed for those students who desire to do independent study in some special field. The field of study may be selected by the student, subject to the approval of the Head of the Department, according to interest and future needs.

91-92 HONORS COURSE One to three hours.

Advanced projects and minor research studies. Enrollment limited to seniors of superior ability with permission of the Head of the Department.

MODERN LANGUAGES

E. D. McKENZIE, *Senior Counselor*

AIMS

To introduce students to the language, literature and culture of France, Germany and the Spanish speaking countries; to provide training in reading facility for students who are interested in scientific or historical study requiring a foreign language as a "tool subject"; and to give adequate training in language, literature and expression to students who are preparing to be teachers, translators or representatives in foreign service.

REQUIREMENTS FOR FIELD OF CONCENTRATION IN FRENCH, GERMAN, OR SPANISH

A minimum of twenty-four hours in the language, not including French 11-12, or Spanish 11-12, with eighteen hours on upper division level. A reading knowledge of one foreign language other than the one chosen as the field of concentration. Students expecting to teach a foreign language must complete Modern Languages 85 or 86. Modern Languages 71 is required in each field. History 51 and 52 are recommended. Sequences of courses subject to approval of Senior Counselor.

REQUIREMENTS FOR FIELD OF CONCENTRATION IN MODERN LANGUAGES

A minimum of eighteen upper division hours in French, German or Spanish; twelve hours on upper division level in a second language, reading knowledge of the third; Modern Language 71. Sequence of courses subject to approval of Senior Counselor.

REQUIREMENTS FOR FIELD OF CONCENTRATION IN COMPARATIVE LITERATURE

A minimum of six upper division hours in one modern foreign language; six hours of the literature of two other modern languages in English translation; nine upper division hours in English Literature including English 73; Modern Language 71. Sequence of courses subject to approval of Senior Counselor.

NOTE

Students who have studied French, German or Spanish before entering college will be given an achievement test at the beginning of the freshman year. Those showing required proficiency will be enrolled in French 31-32, German 31-32, or Spanish 31-32; those of superior attainments may enter a course in the upper division with permission of the Head of the Department.

F R E N C H

11-12 FIRST YEAR FRENCH

Three hours.

Fundamentals of grammar, pronunciation and composition; emphasis on reading. Two hours' laboratory work per week in addition to three hours' classroom work. For students who have no acquaintance with the language.

31-32 INTERMEDIATE FRENCH

Three hours.

Grammar review, composition, dictation, intensive and extensive reading. Prerequisite, French 11-12 or a satisfactory standing in an achievement test.

51-52 CONVERSATION AND COMPOSITION

Three hours.

Prose composition, syntax and phonetics; dictation, conversation, recordings. Prerequisite, French 31-32 or permission of the Head of the Department.

53-54 NOVEL

Three hours.

The French novel from its beginning to the twentieth century. Conducted in French. Prerequisite, a reading knowledge of French. Offered in alternate years. Not offered in 1951-1952.

55-56 MODERN DRAMA

Three hours.

French drama since the seventeenth century. Conducted in French. Prerequisite, a reading knowledge of French. Not offered in 1951-1952.

57-58 HISTORY OF FRENCH LITERATURE

Three hours.

Survey of French literature from the early periods to the present time. Readings in French from an anthology. Prerequisite, a reading knowledge of French. Conducted in French.

71 SEVENTEENTH CENTURY DRAMA

Three hours.

Study of the plays of Corneille, Racine and Moliere, as representative of the classical spirit in France. Conducted in French. Prerequisite, a reading knowledge of French; French 65-66 recommended. Offered in alternate years. Not offered in 1951-1952.

72 NINETEENTH CENTURY POETRY

Three hours.

Study of schools of poetry: Romanticism, Parnassian, Symbolism. Conducted in French. Prerequisite, a reading knowledge of French; French 65-66 recommended. Offered in alternate years. Not offered in 1951-1952.

G E R M A N**11-12 FIRST YEAR GERMAN**

Three hours.

Fundamentals of pronunciation, grammar, reading and composition. Two hours' laboratory work per week in addition to three hours' classroom work. For students who have no acquaintance with the language.

31-32 INTERMEDIATE GERMAN

Three hours.

Grammar review, composition, dictation, intensive and extensive reading. Special emphasis on outside reading in student's field of concentration. Prerequisite, German 11-12 or equivalent.

51-52 CONVERSATION AND COMPOSITION

Three hours.

Practical conversation, study of syntax, prose, composition and dictation. Wire recording. Registration with the permission of the Head of the Department. Offered in alternate years. 51 not offered in 1951-1952. 52 offered in second semester.

53-54 NINETEENTH CENTURY

Three hours.

Reading and critical study of the nineteenth century, especially Kleist, Hebbel, Heine, Keller; special emphasis on the drama and the Romantic school. Outside readings and reports. Conducted in German. Prerequisite, a reading knowledge of German. Offered in alternate years. Not offered in 1951-1952.

**57-58 HISTORY OF GERMAN LITERATURE
IN ENGLISH**

Three hours.

German literature from the Hildebrandslied to the twentieth century. Conducted in English. A reading knowledge of German is desirable, but not essential. Offered in alternate years. Not offered in 1951-1952.

73-74 EIGHTEENTH CENTURY

Three hours.

Readings from the works of Lessing, Goethe and Schiller. Conducted in German. Prerequisite, a reading knowledge of German. Outside readings and reports. Offered in alternate years.

S P A N I S H

11-12 FIRST YEAR SPANISH

Three hours.

Fundamentals of pronunciation, grammar, reading and composition. Two hours' laboratory work per week in addition to three hours' classroom work. For students who have no acquaintance with the language.

31-32 INTERMEDIATE SPANISH

Three hours.

Grammar, oral work and reading. Practice in dictation, writing and speaking. Reading of modern prose and plays. Prerequisite, Spanish 11-12 or equivalent.

51 CONVERSATION

Three hours.

Conversation, dictation, recordings and composition. Prerequisite, Spanish 31-32 or equivalent. Not offered in 1951-1952.

52 COMMERCIAL SPANISH

Three hours.

Study of business and commercial Spanish. Conversation and composition. Prerequisite, Spanish 31-32 or equivalent. Not offered in 1951-1952.

57-58 SURVEY OF SPANISH LITERATURE

Three hours.

A general survey of Spanish and Spanish-American literature. Literary masterpieces by representative authors of the classical period, the nineteenth century and contemporary literature. Lectures, readings, and reports. Prerequisite, Spanish 31-32 or permission of the Head of the Department. Offered in alternate years. Not offered in 1951-1952.

73-74 SPANISH LITERATURE IN THE NINETEENTH CENTURY

Three hours.

Development of the drama and novel of the nineteenth century through works of such dramatists as Los Quinteros and Benaventa and such novelists as Alaton, Pereda, Perez Galdos and Placio Valdes. Conducted in Spanish. Prerequisite, a reading knowledge of Spanish. Offered in alternate years.

MODERN LANGUAGES

71 LINGUISTIC DEVELOPMENT OF MODERN LANGUAGES

Three hours.

An introduction to comparative philology. The development of English, French, German and Spanish from the Indo-European to modern times. Required of all majors in the department. Open to other students with the permission of the Head of the Department. Offered in alternate years.

83-84 SEMINAR

Three hours.

Intensive, integrated study in field of concentration. Geography, history, government, education, science, press, art and music of French, German or Spanish speaking countries. Required of students selecting a field of concentration in Modern Languages.

85 or 86 METHODS AND MATERIALS IN TEACHING

MODERN LANGUAGES

Two hours.

Study of methods, classroom materials, extra-curricular activities necessary for the teacher of French, German or Spanish.

87-88 INDEPENDENT STUDY IN MODERN LANGUAGES

One to three hours.

Designed for those students who desire to do independent study in some special field. The field of study may be selected by the student, subject to the approval of the Head of the Department, according to interest and future needs.

91-92 HONORS COURSE

One to three hours.

Minor research studies. Readings, conferences, and reports on a field of special interest. Enrollment limited to seniors of superior ability and achievement with permission of the Head of the Department.

MUSIC

G. K. HAUPTFUEHRER, *Senior Counselor*

AIMS

To provide opportunity for students to develop an understanding and appreciation of music as a part of general education; to provide a well-balanced pre-professional curriculum for students who intend to become professional musicians; to provide an adequate program of study leading to certification for public school music teaching and supervision, to provide the music courses required for certification for teaching in the elementary schools, to provide opportunity for students to participate in musical groups as a recreational-cultural activity.

REQUIREMENTS FOR FIELD OF CONCENTRATION IN MUSIC

Music 23-24, 31-32, 53-54, 57-58, 84 and eight hours of applied music. Students preparing for the public school music field will take in addition: Music 85 and/or 86, 75 and/or 76, and if preparing for instrumental teaching, Music 56, and 79-80. Sequence of courses subject to approval of Senior Counselor.

LITERATURE AND THEORY OF MUSIC

11-12 INTRODUCTION TO MUSIC AS AN ART AND SCIENCE

Three hours.

The elements of tonal relationships, simple rhythms, intervals, melodies in both major and minor modes; designed to give the student the ability to recognize, reproduce and record simple melodic and rhythmic patterns.

23-24 THEORY I, II

Four hours.

The theoretical subject fields—harmony, keyboard harmony, sight singing, dictation, ear training, and eurhythmics—are combined in one interdependent and interrelated course. A study is made of the primary chords and those secondary chords which are most common in classical literature. Inversions are studied as the need presents itself in writing a smooth bass line. Linear nature of music is stressed. Written work covered by the end of the year will include harmonization of melody and figured bass, use of triads, dominant seventh and ninth chords with inversions, modulations to near-related keys, and original work in writing smaller song forms, and harmonic analysis of chorals. Sight singing, dictation and ear training help the student clarify and crystallize on paper what he hears. Dictation in two parts. In keyboard harmony figured basses are played at sight, melodies are given accompaniments, modulation to all keys by various means, simple transposition. Five hours a week, both semesters.

31-32 MUSIC APPRECIATION

Three hours.

(The Literature and Appreciation of Music in Human Relations). Designed to give the student an overview of the field of music, leading to an appreciation and enjoyment of the world's great music.

53-54 THEORY III, IV

Four hours.

The work of the first year is continued but includes ninth chords, secondary sevenths, altered chords. More about modulations to extraneous keys. Analysis and keyboard work. Clef reading in sight singing. Initial composition efforts in smaller forms are encouraged. In the second semester more emphasis on the study of contrapuntal techniques, written and analysed. Dictation in four parts. Five hours a week, both semesters.

56 ORCHESTRATION

Three hours.

The beginning principles of instrumentated orchestration, including a thorough understanding of transposing instruments; the problems of writing for such groups of instruments as are most commonly found in the average school or community orchestra. Prerequisite, Music 53. Not offered in 1951-1952.

57-58 MUSIC HISTORY

Two hours.

The historical significance of the main periods and types of music. Requires some technical background.

75 CHORAL CONDUCTING

Two hours.

The technique of the baton and the different problems to be met in conducting chorus; the introduction to score reading; an opportunity for practical experience through the conducting of the college choral. Offered only to advanced students.

76 INSTRUMENTAL CONDUCTING

Two hours.

The technique of the baton and the different problems to be met in conducting orchestra and band; the introduction to score reading; an opportunity for practical experience through the conducting of the college instrumental groups. Offered only to advanced students.

79-80 INSTRUMENTAL TECHNIQUE IN THE
PUBLIC SCHOOLS

Three hours.

The principles, problems, and materials for teaching instrumental music in the public schools. Development of the ability to play simple music on at least one representative instrument of each choir of the orchestra.

84 SEMINAR

One hour.

Survey and review of the field of music; its history, theory and literature. Required of all students concentrating in the field of music. Open only to seniors.

85 MUSIC EDUCATION

Three hours.

(Methods and Materials of Teaching Music in the Elementary Schools). Consideration of the aims and values of elementary school music with opportunities to develop teaching techniques, with emphasis on music education as it applies to the elementary school. Not offered in 1951-1952.

86 MUSIC EDUCATION

Three hours.

(Methods and Materials in Teaching Music in the Secondary Schools). Analysis of music offered in high and junior high schools throughout the United States. Consideration of problems, objectives and materials in teaching vocal and instrumental music, theory and appreciation courses in the secondary schools. Opportunities for developing practical teaching projects. Not offered in 1951-1952.

87-88 INDEPENDENT STUDY IN MUSIC

One to three hours.

Designed for those students who desire to do independent study in some special field. The field of study may be selected by the student, subject to the approval of the Head of the Department, according to interest and future needs.

91-92 HONORS COURSE

One to three hours.

Projects and minor research studies in special fields of music, or creative work of an advanced nature. Enrollment limited to seniors of superior ability and achievement with permission of the Head of the Department.

APPLIED MUSIC**15b-16b BAND**

One hour.

Study and performance of standard band repertoire. Frequent public appearances.

15c-16c CHOIR

One hour.

A study of choral literature and rendition of cantatas, oratorios and selected numbers of recognized merit. Regular public appearances.

15m-16m MALE CHORUS

One hour.

The study and performance of concert repertoire for male voices. Membership is limited; admission by try-out.

15o-16o ORCHESTRA

One hour.

The study and performance of standard orchestral literature with occasional public performances.

21o-22o ORGAN

One or two hours.

Technique, theory and literature of the organ. Open to all students who have had some training in either piano or organ. Private lessons.

21p-22p PIANO

One or two hours.

Literature and technique of piano playing designed to develop in the students a discriminating appreciation of fine music and fine musical performance. Private lessons.

21s-22s STRINGS

One or two hours.

Private lessons in violin, viola, cello or bass. Course open to beginners as well as to students with previous training.

21v-22v VOICE

One or two hours.

Vocal technique, theory and literature. Open to all students who have adequate native ability with or without previous vocal training. Private lessons.

21w-22w WIND INSTRUMENTS

One or two hours.

Private lessons in basic brass and woodwind instruments. Open to beginners as well as to students with previous training.

51o-52o ADVANCED ORGAN

One or two hours.

Open only to students who can demonstrate satisfactorily their ability to play compositions equivalent in difficulty to the following: Bach—G minor Fugue (The Little). D minor Toccata and Fugue; or Widor—Toccata from Symphony V. Private lessons.

51p-52p ADVANCED PIANO

One or two hours.

Open only to more advanced students who can demonstrate satisfactorily their ability to perform compositions equivalent in difficulty to the following: Beethoven Op. 27 No. 2; Bach—Preludes and Fugues Nos. 2 and 21 (Vol. 1). They will be expected to perform in public recitals from time to time. Private lessons.

51s-52s ADVANCED STRINGS

One or two hours.

Open only to students who are able to play satisfactorily music equivalent in difficulty to the Kreutzer Etudes and DeBeriot Concertos for violin. Public performance required. Private lessons.

51v-52v ADVANCED VOICE

One or two hours.

Open only to students who have completed four semesters of voice study, can read at sight, have adequate use of at least one modern foreign language, and can demonstrate the ability to perform numbers equivalent in difficulty to standard operatic and lieder literature. Public performance required. Private lessons.

APPLIED MUSIC

51w-52w ADVANCED WIND INSTRUMENTS

One or two hours.

Open only to students who are able to play satisfactorily music equivalent to the difficulty of the Klose Book II or Lazarus Book III for Clarinet. Public performance required. Private lessons.

Note: Applied music courses may be repeated for full credit. Only eight semester hours of work in Applied Music can be applied toward meeting the minimum requirements for the baccalaureate degree.

PERSONNEL ADMINISTRATION

F. H. KIRKPATRICK, *Senior Counselor*

REQUIREMENTS FOR FIELD OF CONCENTRATION IN PERSONNEL ADMINISTRATION

A minimum of eighteen hours in the Department of Economics and Business Administration which must include Economics 31, 32, 47 or 48 and nine hours in the Department of Personnel Administration at upper division level. Sequence of courses subject to approval of Senior Counselor.

67-68 PRACTICUM

Two hours.

On-the-job experience in some phase of personnel administration or industrial relations following a well-planned program. May be taken in summer vacation or in semester when student is not in full-time residence. Open only to upper-division students with permission of the Head of the Department.

74 INDUSTRIAL MANAGEMENT

Three hours.

(Economics 74). The scientific management movement; location and layout of industrial plants; types of organization; standards of operation; purchasing and inventory control; wage payment plans; production control; research and inspection problems.

75 LABOR PROBLEMS

Three hours.

The position of the wage earner in modern industrial society; policies, methods and objectives of organized labor; meaning and determinants of labor supply and employment; collective bargaining; quest for security; social and economic objectives of industrial democracy. Prerequisite, Economics 31-32.

78 PERSONNEL MANAGEMENT

Three hours.

Procedures, activities and evaluation of personnel management and industrial relations in business and industry; selection and placement; job analysis and evaluation; training and promotion; job satisfaction, wage theory and procedures; manpower utilization. This course presupposes some knowledge of psychology and statistical method. Not offered in 1951-1952.

80 GOVERNMENT AND LABOR

Three hours.

The role of government in mediation, investigation and arbitration of labor disputes; regulatory and protective legislation; legislative and judicial appreciation of the economic, social and political problems involved. Reading and independent study. Prerequisites, Economics 75 and permission of instructor.

91-92 HONORS COURSE

One to three hours.

Minor research studies related to personnel administration and industrial relations. Library research and field studies. Enrollment limited to seniors of superior ability and achievement with permission of the Head of the Department.

PHILOSOPHY

53-54 HISTORY OF PHILOSOPHY

Three hours.

Western philosophical thought from the seventh century B. C. to modern times. The first semester will be devoted to a study of ancient and medieval philosophers. The second semester will begin with the Renaissance.

55 REFLECTIVE THINKING

Three hours.

Deductive and inductive reasoning; practice in the detection of logical fallacies. Not offered in 1951-1952.

56 ETHICS

Three hours.

The theory of the moral life as developed in the history of western thought and applied to personal and social problems. Not offered in 1951-1952.

61-62 PLATO

Three hours.

The philosophy of Plato and its influence on ancient and modern thought and culture. Prerequisite, Philosophy 53-54. Not offered in 1951-1952.

63 PHILOSOPHY OF RELIGION

Three hours.

The roots of religious experience, religious beliefs and practices such as the idea of God, immortality, prayer and the church; Humanism, Neo-Thomism. The approach is philosophical rather than theological.

64 PROBLEMS OF PHILOSOPHY

Three hours.

Five or six of the major problems of knowledge and existence as developed in the writings of great philosophers ranging from Plato to modern times. Prerequisite, Philosophy 53-54.

72 CONTEMPORARY PHILOSOPHY

Three hours.

Western philosophical thought since 1900. Prerequisite, Philosophy 53-54. Not offered in 1951-1952.

PHYSICAL EDUCATION AND HEALTH

J. J. KNIGHT, *Senior Counselor*

AIMS

To promote the health education and physical development of the student; to provide opportunities for students to participate in and secure a reasonable degree of proficiency in recreational activities; and to train physical education and play leaders for educational, industrial and community situations.

REQUIREMENTS FOR FIELD OF CONCENTRATION IN PHYSICAL EDUCATION

A minimum of thirty hours in the department which should include the following courses: Physical Education 15 or 16, 37, 73, 78, 83, 85; Sociology 31; Biology 11-12, 31 are recommended. Sequence of courses subject to approval of Senior Counselor.

REQUIREMENTS FOR ALL STUDENTS

Freshmen: Physical Education 11-12 is required. Physical Education 15 or 16 may be elected in the freshman or sophomore year or Biology 11 may be offered as a substitute. Sophomores: Physical Education 31-32 is required of all students but permission may be granted to substitute equivalent hours from Physical Education 29, 37-38, 41-42, 43, 51-52 or work in varsity athletics.

Physical Education 15 or 16 is to be taken before the end of the sophomore year. One hour's credit will be given for a season's work in varsity athletics, i. e. football, basketball, track, baseball, cross country, and tennis, provided students enroll for Physical Education 31-32.

REQUIREMENTS FOR GRADUATION

All students are required to present six hours of credit in physical education for graduation, which must include Physical Education 15 or 16 or Biology 11.

Not more than a total of four hours credit toward graduation will be allowed from courses 11-12, 31-32, and varsity athletics.

All students will be required to pass a swimming achievement test prior to graduation. Students who are physically unfit as certified by the college physicians may petition to be allowed to substitute hours in other courses in lieu of activity courses in physical education. Students who are not candidates for a degree may be exempt from the requirement of physical education. Any petition for exemption from physical education should be addressed to the Committee on Admissions and Classifications.

**11-12 FRESHMEN ORIENTATION IN
PHYSICAL EDUCATION**

One hour.

The techniques and rules of a wide variety of team sports. An activity course. Three periods per week. Required of all freshmen. No tuition charge for this course.

15 or 16 PERSONAL HYGIENE

Two hours.

Fundamental knowledge of personal hygiene and how the health of the individual may be conserved. No tuition charge for this course.

27-28 TAP AND CHARACTER DANCING

One hour.

Elementary tap steps and combinations working up to finished routines and dances. An activity course. Two periods per week. Not offered in 1951-1952.

29-30 FOLK DANCING

One hour.

Folk dancing from many countries. English and American country dances studied during the first semester and European dances during the second semester. An activity course. Two periods per week.

31-32 SOPHOMORE PHYSICAL EDUCATION

One hour.

Individual sports; planned for sophomores who desire to elect a general recreation course. An activity course. Three periods per week. No tuition charge for this course.

36 COMMUNITY HYGIENE

Two hours.

Health matters pertaining to the social group; communicable diseases; vital statistics; legal and social regulations relating to personal and community health.

37 ELEMENTARY SWIMMING

One hour.

Instruction for beginners in buoyancy and floatation. Preliminary tests for swimming and such strokes as elementary back, side, and crawl. An activity course. Three periods per week.

- 38 ADVANCED SWIMMING One hour.
Correct form of the more advanced strokes, as the trudgen, American crawl, racing back and breast, diving and life saving. An activity course. Three periods per week.
- 40 SOCIAL DANCING One hour.
Instruction in the modern social dance steps. Two periods per week.
- 42 GYMNASTICS AND APPARATUS One hour.
Various gymnastic systems and practice in apparatus. An activity course. Two periods per week. Not offered in 1951-1952.
- 43 TUMBLING AND STUNTS One hour.
Begins with individual stunts and advances to more intricate work. An activity course. Two periods per week. Not offered in 1951-1952.
- 44 OUR OUTDOORS One hour.
(Biology 44). Field study of man's natural environment from the standpoint of geology and biology. Estimated cost of the course to the student exclusive of tuition, including field trips, food and incidentals: \$5.00 to \$8.00. Enrollment limited to fifteen. Not open to freshmen.
- 47-48 THEORY AND PRACTICE OF TEAM SPORTS Two hours.
Intensive practice with opportunity for officiation in team sports for men and women.
- 51-52 MODERN DANCING One hour.
Contemporary dancing, emphasizing the use of the fundamental expressive movements in creative work. An activity course. Two periods per week. Not offered in 1951-1952.
- 53 COACHING FOOTBALL Two hours.
Fundamentals, offensive and defensive styles of play, rules of the game and officiating. Not offered in 1951-1952.
- 54 COACHING BASKETBALL Two hours.
Fundamentals, offensive and defensive styles of play, rules, officiating and the place of basketball in the intramural program. Alternates with Physical Education 56.
- 55 INTRAMURAL SPORTS Two hours.
Organization, administration and objectives of the intramural program of athletics.
- 56 BASEBALL, TRACK AND FIELD One hour.
Strategy and fundamentals of baseball, track and field. Alternates with Physical Education 54. Not offered in 1951-1952.
- 57 COMMUNITY RECREATION Three hours.
The philosophy of American recreation and community organization for leisure time activities.
- 58 RECREATION LEADERSHIP Three hours.
Recreational activities; practice in the administration of games, playground activities and handicrafts.
- 59 PREVENTION AND CARE OF INJURIES Two hours.
Common hazards of play and athletics. Preventative measures and treatment of injuries. Red Cross Aid Certificate may be earned by those who pass the examination.

- 62 TESTS AND MEASUREMENTS IN PHYSICAL EDUCATION** Three hours.
Methods used in evaluating outcomes of the physical education program.
- 70 KINESIOLOGY** Three hours.
Fundamental body movements and their relation to body development and efficiency. Prerequisites, Biology 36 and 67 or 68. Alternates with Physical Education 72. Not offered in 1951-1952.
- 71 PHYSIOLOGY** Three hours.
(Biology 71). Structure and functions of the human body; the mechanism of bodily movements, responses, reactions, and various physiological states. Prerequisites, Biology 11-12, and 35 or 36.
- 72 CORRECTIVE GYMNASTICS AND NORMAL DIAGNOSIS** Three hours.
Variations of the normal types of the human organism at different age levels; therapeutic measures, especially those which refer to the correction of mechanical defects. Prerequisites, Biology 36 and 67 or 68.
- 73 TEACHING OF HEALTH** Three hours.
(Health Problems of the School Child). A course designed to provide students with opportunities to study health problems, activities, and methods of teaching the school child.
- 74 ORGANIZATION AND ADMINISTRATION OF PHYSICAL EDUCATION** Three hours.
Administrative relationships and procedures in the conduct of physical education. Not offered in 1951-1952.
- 75-76 THEORY AND PRACTICE OF INDIVIDUAL SPORTS** Two hours.
Intensive practice in badminton, archery, tennis, golf, and life-saving with a study of the rules of each and of methods used in teaching.
- 77 HISTORY OF PHYSICAL EDUCATION** Two hours.
Development of physical education from ancient time to the present. Not offered in 1951-1952.
- 78 PRINCIPLES OF PHYSICAL EDUCATION** Three hours.
Principles basic to a program of physical education in the modern educational system. Not offered in 1951-1952.
- 79 PHYSIOLOGY OF EXERCISE** Two hours.
Physiological reactions resulting from physical activity. Prerequisite, Physical Education 67 or 68. Not offered in 1951-1952.
- 83 SEMINAR IN PHYSICAL EDUCATION** One hour.
A survey of the field of health and physical education and the current literature relating to investigations in the field. Prerequisites, Physical Education 67 or 68 and 78. Open only to upper division students. Required of all students concentrating in the Field of Physical Education.
- 85 METHODS AND MATERIALS IN TEACHING PHYSICAL EDUCATION** Three hours.
Methods, materials and techniques pertinent to the teaching of physical education. Prerequisites, Physical Education 15 or 16, 46 and 67 or 68.

**87-88 INDEPENDENT STUDY IN PHYSICAL
EDUCATION**

One to three hours.

Designed for those students who desire to do independent study in some special field. The field of study may be selected by the student, subject to the approval of the Head of the Department, according to interest and future needs.

91-92 HONORS COURSE

One to three hours.

Special problems and minor research studies in physical education. Enrollment limited to seniors of superior ability and achievement with permission of the Head of the Department.

PHYSICS*J. S. V. ALLEN, Senior Counselor***AIMS**

To introduce the field of physics to the general student; to teach the fundamentals of the science of physics to students who are training themselves for such professions as medicine, optometry, engineering and the teaching of physics; and to familiarize students expecting to enter graduate school with some of the more advanced subjects in physics.

REQUIREMENTS FOR FIELD OF CONCENTRATION IN PHYSICS

A minimum of twenty-four hours in the department with at least twelve hours on the upper division level. Students interested in science and engineering should elect Physics 52. Physics 91-92 and a reading knowledge of German and French are recommended for students expecting to do graduate work. Mathematics or chemistry is strongly recommended as the related field. Sequence of courses subject to approval of Senior Counselor.

11 or 12 ELEMENTS OF RADIO

Three hours.

Radio theory and practice; construction of oscillators, amplifiers and receivers. Not offered in 1951-1952.

17 ASTRONOMY

Two hours.

A course in descriptive astronomy, including observations with the 10-inch reflecting telescope. This non-technical course in beginning astronomy includes such topics as the solar system, satellites, eclipses, constellations, the galactic system, and exterior systems.

31-32 GENERAL PHYSICS

Four hours.

First semester: mechanics, heat and sound. Second semester: magnetism, electricity and light. A fundamental course which is a prerequisite to all advanced physics courses. Prerequisite, Mathematics 11 or its equivalent.

35 BASIC ELECTRONICS

Three hours.

A fundamental course in electronics, including such topics as electron emission, rectifiers, multi-electrode vacuum tubes, photoelectric devices, the cathode-ray oscillograph, thyratrons, ignitrons and industrial controls. Not offered in 1951-1952.

37-38 MODERN PHYSICS

Two hours.

The modern applications of physics; spectroscopy, radiation, wave mechanics, electronics and nuclear physics; specific topics included are the electron microscope, radar, the cyclotron and atomic power. Prerequisite, Physics 31-32 or permission of the Head of the Department. Offered in alternate years. Not offered in 1951-1952.

51 ELECTRICITY AND MAGNETISM

Three hours.

Electrostatics and magnetics, Maxwell's equations, electro-chemistry, circuit theory and electrical machinery; a consideration of the theoretical

and practical applications of electricity and magnetism. Prerequisites, Physics 31-32 and Mathematics 31-32. Not offered in 1951-1952.

52 MECHANICS Three hours.

A treatment of classical mechanics with application of principles and a brief consideration of wave mechanics. Prerequisites, Physics 31-32 and Mathematics 31-32. Not offered in 1951-1952.

53 HEAT Three hours.

Temperature, colorimetry, expansion, conductivity, change of state and radiation; thermodynamics and kinetic theory. Prerequisites, Physics 31-32 and Mathematics 31-32. Alternates with Physics 51.

54 ADVANCED LIGHT AND PHYSICAL OPTICS Three hours.

Theories of light, reflection, refraction, interference, diffraction, polarization, geometrical optics, optical instruments, vision and spectroscopy. Prerequisites, Physics 31-32 and Mathematics 31-32. Alternates with Physics 52.

56 ADVANCED RADIO Three hours.

The theory of transmitters, receivers, propagation, antennas, radar and television. Prerequisite, Physics 31-32. Not offered in 1951-1952.

61-62 LABORATORY IN ADVANCED PHYSICS One or two hours.

Supplementary to any of the upper division physics courses. Registration with permission of the Head of the Department.

65-66 SPECTROSCOPIC ANALYSIS One hour.

Use of the E-1 Hilger Spectrograph and auxiliary equipment for analytical work; original research and possible publication of the results. Registration with permission of the Head of the Department. Not offered in 1951-1952.

85 or 86 METHODS AND MATERIALS IN TEACHING PHYSICS Two or three hours.

Methods and practice in classroom presentation and laboratory supervision. Collateral reading and reports on the history of physical science. Required of all students expecting to teach physics. Offered in alternate years. Not offered in 1951-1952.

87-88 INDEPENDENT STUDY One to three hours.

Designed for those students who desire to do independent study in some special field. The field of study may be selected by the student, subject to the approval of the Head of the Department, according to interest and future needs.

91-92 HONORS COURSE One to three hours.

Advanced experimental work and minor research problems in radioactivity, spectroscopy, radio and electronics, or in the field of the student's interest. Enrollment limited to seniors of superior ability and achievement with permission of the Head of the Department.

PHYSICAL SCIENCE

11-12 PHYSICAL SCIENCE Three hours.

A survey of the fields of astronomy, geology, physics and chemistry for students not planning to major in science.

PSYCHOLOGY

A. LEITCH, *Senior Counselor*

AIMS

To acquaint the student with the facts and laws of behavior and mental life, especially in man, and with the experimental and scientific approach to problems in this field; to enable the student to develop a wholesome personality and to make adequate social adjustments; to give background preparation for professions which relate to individual and group behavior; to equip the student in an elementary way for practical work in mental measurements, personnel analysis and applied fields; and to lay a broad foundation for graduate work and professional study.

REQUIREMENTS FOR FIELD OF CONCENTRATION IN PSYCHOLOGY

A minimum of thirty semester hours in the department which must include Psychology 31-32, 59 or 60, 61, 62, 75 and 84. Highly desirable also are Biology 11 and Psychology 63. Sequence of courses subject to approval of Senior Counselor.

31-32 GENERAL PSYCHOLOGY

Three hours.

A systematic study of the most important facts and laws of behavior and mental life with emphasis on their practical significance in the professions, business, industry and personal life. Laboratory demonstrations.

53 SOCIAL PSYCHOLOGY

Three hours.

The behavior of the individual in social psychological relationships with special attention to the significance of motives and attitudes; problems related to adequate and inadequate social adjustments. Prerequisite, Psychology 31-32.

56 CHILD AND ADOLESCENT PSYCHOLOGY

Three hours.

The physical, intellectual, emotional, social, moral, and religious development of the individual in infancy, childhood and adolescence, with special attention to the more serious mental problems of children and adolescents. Prerequisites, Psychology 31-32 or 31 and 59 or 60.

57 PSYCHOLOGY OF PERSONALITY

Three hours.

The phenomena of personality with special attention to the psychology of adjustment; basic human drives; factors affecting personality formation; adequate and inadequate personality adjustments; the development of a wholesome personality and mental hygiene. Prerequisite, Psychology 31-32.

58 ABNORMAL PSYCHOLOGY

Three hours.

Mental deficiency, the neuroses, the psychoses, (insanity) and abnormal traits in everyday life. Emphasis on causes, symptoms, prevention and treatment. Prerequisite, Psychology 31-32.

59 or 60 EDUCATIONAL PSYCHOLOGY

Three or four hours.

The nature and laws of learning; original nature as conditioning learning; the amount, rate, limit and permanence of improvement; factors and conditions affecting learning; transfer of training; mental fatigue, individual differences; efficient methods of study. Prerequisite, Psychology 31-32 or Psychology 31 with permission of instructor.

61 EXPERIMENTAL PSYCHOLOGY

Three hours.

Typical psychological experiments in sensory, motor, intellectual and emotional processes. Prerequisite, Psychology 31-32.

62 MEASUREMENT OF INTELLIGENCE

Three hours.

The more important techniques for the measurement of intelligence; historical background, validation and use of intelligence tests in education and in out-of-school agencies. Laboratory work with individual and group tests. Prerequisite, Psychology 31-32.

63 STATISTICAL METHODS

Two hours.

Introduction to statistical concepts and techniques commonly used in psychological, sociological and educational research. Measures of central tendency, variability, reliability, psychological scaling techniques and correlation. Emphasis on interpretation and utility of various concepts. Not open to students who have taken Economics 47 or 48.

64 APTITUDE AND PERSONALITY TESTING

Three hours.

The techniques for measuring primary mental abilities, special aptitudes and skills, interests, attitudes and personality; critical evaluation and some attention to utilization. A laboratory course. Prerequisite, Psychology 31-32. Not offered in 1951-1952.

65 APPLIED PSYCHOLOGY

Three hours.

The application of psychological principles to problems in the fields of business, the professions and personal life. Prerequisite, Psychology 31-32. Not offered in 1951-1952.

68 CLINICAL METHODS

Three hours.

Methods and procedures for work in clinical psychology; integration of case histories, cumulative records; psychometric techniques, etc., in diagnosis and treatment. Prerequisites, Psychology 31-32, 58, and 62.

74 PERSONNEL AND INDUSTRIAL PSYCHOLOGY

Three hours.

Psychological methods applied to problems in the industrial world; personnel selection and classification, accidents, fatigue, and productivity, training, morale, attitude research. Prerequisites, Psychology 31-32 and preferably 62 and 63.

75 CONTEMPORARY SCHOOLS OF PSYCHOLOGY

Three hours.

Historical development and evaluation of some of the more important trends and schools of contemporary psychology such as the structural and functional schools, behaviorism, psychoanalysis, Gestalt, etc. Open only to upper division students who have had Psychology 31-32 and preferably 61 and 62.

84 SEMINAR IN PSYCHOLOGY

Two hours.

A survey of the fields of psychological investigations and the current literature relating to investigations in these fields. Open only to seniors concentrating in the Field of Psychology.

87-88 INDEPENDENT STUDY IN PSYCHOLOGY

One to three hours.

Designed for superior senior students who desire to do independent study in some special field. The field of study may be selected by the student, subject to the approval of the Head of the Department, according to interest and future needs.

91-92 HONORS COURSE

One to three hours.

Advanced projects and minor research studies. Readings, conferences, and reports on a field of special interest. Enrollment limited to seniors of superior ability and achievement with permission of the Head of the Department.

PUBLIC RELATIONS

E. E. ROBERTS, *Senior Counselor*

REQUIREMENTS FOR FIELD OF CONCENTRATION IN PUBLIC RELATIONS

A minimum of twelve hours in the Department of Journalism which must include Journalism 53, 55 and 63; a minimum of nine hours in the Department of Psychology which must include either Psychology 57 or Psychology 65; and six hours in public relations courses.

71 INTRODUCTION TO PUBLIC RELATIONS Three hours.

A definition of public relations; its place in business, industry and politics; the principles underlying the successful application of public relations.

72 APPLIED PUBLIC RELATIONS Three hours.

Case studies of actual public relations programs; the initiation and development of one such program; and a thorough study of one Department of Public Relations, selected by the individual student.

RELIGION

O. BOOTH, *Senior Counselor*

AIMS

To provide a focus of religious meanings for guidance of life and the integration of knowledge; to prepare students planning to enter the various branches of the Christian Ministry for graduate study in professional schools of religion; and to give enough professional training to enable a graduate of the College to enter immediately into Christian service as a minister or religious educator until such time as he may be able to continue in graduate study.

REQUIREMENTS FOR FIELD OF CONCENTRATION IN RELIGION

A minimum of twenty-four hours in the department of which eighteen hours shall be on upper division level. For pre-ministerial students a minimum of thirty hours which must include Old Testament 33, 34 and New Testament 31, 32. Sequence of courses subject to approval of Senior Counselor.

REQUIREMENTS FOR FIELD OF CONCENTRATION IN RELIGIOUS EDUCATION

A minimum of eighteen hours in Old Testament and New Testament, which must include Old Testament 33-34 and New Testament 31-32. Twelve hours in religious education, which should include Religious Education 79, 80. Sequence of courses subject to approval of Senior Counselor.

REQUIREMENTS FOR GRADUATION

Six hours of work in the English Bible are required of all students qualifying for graduation. The following courses may be taken without prerequisites to satisfy this requirement: In the freshman or sophomore year Old Testament 11 or 12 and New Testament 13 or 14; in the junior or senior year Old Testament 33-34, 55-56 or 71-72, or New Testament 31-32.

OLD TESTAMENT

11 or 12 INTRODUCTORY OLD TESTAMENT Three hours.

The history, literature and religion of the Hebrew people planned for the general student in the lower division only. Ministerial students will

take Old Testament 33-34 instead of this course. Credit will not be given for both this course and Old Testament 33-34.

33-34 OLD TESTAMENT HISTORY Three hours.

The political and religious development of the Hebrew people to the time of the Maccabees. Required of all pre-ministerial students.

55-56 THE PROPHETS Three hours.

The origin and development of prophecy among the Hebrews with special attention to social and political backgrounds. Not offered in 1951-1952.

57-58 COMPARATIVE RELIGIONS Three hours.

A comparison of the most important features of various religions, including religions of primitives, Egypt, Babylonia, Assyria, Persia, Greece, Rome, Judaism, Christianity, India, China and Japan. This course does not satisfy the general requirement of six hours of Bible study.

71-72 THE BIBLE AS LITERATURE Three hours.

The origin, development and literary values of the various types of literature of the Bible.

NEW TESTAMENT

13 or 14 INTRODUCTORY NEW TESTAMENT Three hours.

Study of the life and teachings of Jesus, the origin of the Christian church and the life of Paul; planned for the general student in the lower division only. Ministerial students will take New Testament 31-32 instead of this course. Credit will not be given for both this course and New Testament 31-32.

31-32 NEW TESTAMENT SURVEY Three hours.

A survey of all books of the New Testament. The first semester will be devoted to the Four Gospels. Required of all pre-ministerial students.

51 THE TEACHINGS OF JESUS Three hours.

The teachings of Jesus in relation to the movements of His time and to the Jewish and Greek backgrounds. Not offered in 1951-1952.

52 THE TEACHINGS OF PAUL Three hours.

The fundamental doctrines of the Epistles of Paul in the New Testament. Not offered in 1951-1952.

53 THE JEWISH BACKGROUND OF THE NEW TESTAMENT Three hours.

Political developments in Palestine; religious ideas, institutions and movements of Judaism from 2,000 B. C. to 100 A. D. Not offered in 1951-1952.

54 THE GREEK BACKGROUND OF THE NEW TESTAMENT Three hours.

The social, religious, economic, political and philosophical movements of the Greek and Roman world as they came to bear upon early Christian history and thought. Not offered in 1951-1952.

73-74 BIBLICAL DOCTRINE Three hours.

The various doctrines of the New Testament in relation to later Christian thinking.

CHURCH HISTORY

51-52 HISTORY AND LITERATURE OF THE DISCIPLES Three hours.

The rise and development of the Restoration Movement of the Disciples of Christ, including an evaluation of the literature produced. Not offered in 1951-1952.

75 THE ANCIENT CHURCH Three hours.

Church history from its beginnings to the time of Charlemagne.

76 THE REFORMATION Three hours.

Church history from the time of Charlemagne to the close of the Reformation.

RELIGIOUS EDUCATION

56 CHILD AND ADOLESCENT PSYCHOLOGY Three hours.

(Psychology 56). The physical, intellectual, emotional, social, moral, and religious development of the individual in infancy, childhood and adolescence with special attention to the more serious mental problems of children and adolescents. Prerequisites, Psychology 31-32 or 31 and 59 or 60.

59 or 60 EDUCATIONAL PSYCHOLOGY Three hours.

(Psychology 59 or 60). The nature and laws of learning; original nature as conditioning learning; the amount, rate, limit and permanance of improvement; factors and conditions affecting learning; transfer of training; mental fatigue; individual differences; efficient methods of study. Prerequisite, Psychology 31 or preferably 31-32.

65 AUDIO-VISUAL EDUCATION Two hours.

(Education 65). Stresses importance of proper utilization of visual and auditory materials and equipment including blackboards, maps, pictures, slides, motion pictures, radio and recordings; where to secure teaching materials; the development of resourcefulness in making use of what one has in a community and school. Students have laboratory experiences with both visual and auditory equipment.

76 GUIDANCE PRINCIPLES AND PRACTICES Two hours.

(Education 76). The purpose, procedures, and techniques of guidance work; the role of the teacher in a guidance program. This course should be elected by students who are planning to enter the field of education as teachers, counselors or administrators.

79 THEORY OF RELIGIOUS EDUCATION Three hours.

The principles of religious education; factors involved in religious growth and development; the functions of family, church and state in religious education. Not offered in 1951-1952.

80 EDUCATIONAL WORK OF THE CHURCH Three hours.

The total educational program of the church, with special emphasis on the Church School. Not offered in 1951-1952.

86 METHODS AND MATERIALS IN TEACHING RELIGIOUS EDUCATION Three hours.

Week-day religious education; public school courses in religion and the vacation Church School. Not offered in 1951-1952.

HOMILETICS

59-60 READING THE ENGLISH BIBLE One hour.

The oral interpretation of the English Bible.

61-62 THEORY OF PREACHING**Three hours.**

The preparation and delivery of sermons. Alternates with Homiletics 63-64. Not offered in 1951-1952.

63-64 WORK OF THE PASTOR**Three hours.**

The organization of the local church, financial methods, evangelism, worship and social program. Alternates with Homiletics 61-62.

RELIGION**83-84 SEMINAR IN THE DEPARTMENT OF
RELIGION****One to three hours.**

A seminar on the integration of the field of the comprehensive examination, conducted by various members of the department. Available only to students eligible to take the senior comprehensive examination within one year of the beginning of the course.

**87-88 INDEPENDENT STUDY IN THE DEPARTMENT
OF RELIGION****One to three hours.**

Designed for those students who desire to do independent study in some special field. The field of study may be selected by the student, subject to the approval of the Head of the Department, according to interest and future needs.

91-92 HONORS COURSE**One to three hours.**

Special problems and minor research studies in religion. Readings, conferences, and reports on a field of special interest. Enrollment limited to seniors of superior ability and achievement with permission of the Head of the Department.

SECRETARIAL TRAINING**11-12 TYPING****One hour.**

Principles and practice of touch typing. Four periods per week. Secretarial Training 12 will be offered in both semesters.

15-16 BEGINNING SHORTHAND**Three hours.**

Principles and practice of Gregg shorthand. Five periods per week.

17 BUSINESS MATHEMATICS**One hour.**

General review of all essential arithmetic principles with emphasis on business mathematics and rapid calculations. Not offered in 1951-1952.

21 TRANSCRIPTION**Three hours.**

Transcription studies—advanced dictation and typing, composition, shorthand for different types of business. Five periods per week. Not offered in 1951-1952.

22 OFFICE PRACTICE**Three hours.**

Actual dictation and transcription, practice in filing, mimeographing, business machines. Five periods per week. Not offered in 1951-1952.

SOCIOLOGY

E. C. PAUSTIAN, *Senior Counselor*

AIMS

To give students an understanding of human relationships, institutions and social processes; to familiarize them with the nature and causes of social problems; to give students deeper insight into the requirements of intelligent citizenship and useful participation in community life; to equip

students with fundamental preparation for entering various kinds of social services; and to provide guidance for teaching sociology and for graduate or professional study.

REQUIREMENTS FOR FIELD OF CONCENTRATION IN SOCIOLOGY

A minimum of twenty-four hours in the department with eighteen hours in the upper division. It is recommended that students concentrating in sociology include in their course of study Psychology 53, 58 and 63; and Biology 33. Sequence of courses subject to approval of Senior Counselor.

27 FUNDAMENTAL SOCIAL PROBLEMS Three hours.

(History 27). The recent background and development of the great social, economic and political forces of our own day. Includes the problems of war and peace, democracy and totalitarianism, capital and labor, and the welfare state.

28 FUNDAMENTAL SOCIAL PROBLEMS Three hours.

The impact of social change; the major lags leading to social breakdowns; unemployment, poverty, dependency and disease; various deficiencies and maladjustments; programs for social adjustment.

31 PRINCIPLES OF SOCIOLOGY Three hours.

The basic concepts and principles of sociology applied to modern society; social relations of the community; race and culture; social maladjustments; social processes, change and controls.

32 FAMILY RELATIONSHIPS Three hours.

The development of marriage and family social functions; contemporary problems and tendencies of the family of today. Prerequisite, Sociology 31.

33 HEREDITY AND EUGENICS Two hours.

(Biology 33). Modern theories and laws of heredity and their relation to man.

51 CRIMINOLOGY Three hours.

The social processes by which individuals become criminals and delinquents; causative factors, techniques of control and the social treatment of crime. Prerequisite, Sociology 31.

53 SOCIAL PSYCHOLOGY Three hours.

(Psychology 53). The behavior of the individual in social psychological relationships with special attention to the significance of motives and attitudes; problems related to adequate and inadequate social adjustments. Prerequisite, Psychology 31-32.

55 CULTURAL ANTHROPOLOGY Two hours.

Primitive people and their institutions in prehistoric and more recent times; the presentation of a cultural perspective. Prerequisite, Sociology 31.

56 URBAN SOCIOLOGY Two hours.

A study of the rise and growth of cities; the social organization and problems of the modern city; urban trends, structure and functions. Not offered in 1951-1952.

57 RURAL SOCIOLOGY Two hours.

Consideration of the rural pattern of life; the institutions, culture and agencies functioning in the country and village life of today. Not offered in 1951-1952.

58 ABNORMAL PSYCHOLOGY Three hours.

(Psychology 58). Mental deficiency, the neuroses, the psychoses (insanity) and abnormal traits in everyday life. Emphasis on causes, symptoms, prevention and treatment. Prerequisite, Psychology 31-32.

63 STATISTICAL METHODS Two hours.

(Psychology 63). Introduction to statistical concepts and techniques commonly used in psychological, sociological and educational research. Measures of central tendency, variability, reliability, psychological scaling techniques and correlation. Emphasis on interpretation and utility of various concepts. Not open to students who have taken Economics 47 or 48.

65 COMMUNITY ORGANIZATION Two hours.

The social structure and function of the modern community; the social, economic, and political organization of urban and rural populations; economic and social resources available for social welfare. Not offered in 1951-1952.

68 POPULATION PROBLEMS Two hours.

Population theories and policies; qualitative aspects of the population problem with reference to eugenics, migration, and control of population. Prerequisite, Sociology 31.

73-74 SOCIAL THEORY Two hours.

The various systems, classic and modern, for explaining the social behavior of individuals and groups; the nature of social control, chief social control devices, institutional pressures, and disruptive factors. Open to upper division students or by permission of the Senior Counselor.

76 INTRODUCTION TO PUBLIC WELFARE Two hours.

An introduction to the fields of public welfare. Historical backgrounds and developments. Local, state and federal services. Public welfare problems, programs, and standards in public assistance, child welfare and other divisions of the field. Not offered in 1951-1952.

77 INTRODUCTION TO SOCIAL WORK Two hours.

The basic principles and methods of social case work and their application in the treatment of individuals, families and groups. Open to upper division students or by permission of the Senior Counselor.

78 SOCIAL RECONSTRUCTION MOVEMENTS Two hours.

Present-day efforts to control, direct, or oppose selected social trends; the forces, leaders and methods employed.

83-84 SEMINAR IN SOCIOLOGY One hour.

Required of all students concentrating in the Field of Sociology. This course has three purposes: to interpret the preceding work of the department; to offer instruction in the technique and methods of social research; and to give each student an opportunity to develop his particular interest in cooperation with the other members of the seminar group.

87-88 INDEPENDENT STUDY IN SOCIOLOGY One to three hours.

Designed for those students who desire to do independent study in some special field. The field of study may be selected by the student, subject to the approval of the Head of the Department, according to interest and future needs.

91-92 HONORS COURSE One to three hours.

Advanced projects and minor research studies. Readings, conferences, and reports on a field of special interest. Enrollment limited to seniors of superior ability with permission of the Head of the Department.

SPEECH AND DRAMATICS

31 INTRODUCTION TO SPEECH

Three hours.

Introduction to the speech arts with emphasis on voice and diction, voice science, speech organization and delivery.

32 DISCUSSION AND DEBATE

Three hours.

Survey of the techniques of discussion and debate. Practice in formal and impromptu speaking. Prerequisite, Speech 31 or its equivalent.

51 or 52 ORAL INTERPRETATION

Three hours.

The techniques of oral reading. Consideration of stories, ballads, dramatic poetry, and prose. Phonetics, principles of analysis, empathy, attention, imagery, and inflection. Prerequisite, Speech 31 or its equivalent.

61 PLAY PRODUCTION

Three hours.

Designed to promote an understanding and appreciation of the theatre through the learning of techniques in acting and theatre crafts, costume, make-up, stage lighting, scenery design and construction. Students participate in the preparation of college dramatic productions.

62 ACTING AND PANTOMIME

Three hours.

Acting techniques from the standpoint of both the director and the actor; stress placed on interpretations of lines, make-up, and costuming; survey of classic and modern plays with consideration of production problems. Students participate in the preparation of college productions. Prerequisite, Speech 51 or 52.

63 or 64 STAGE DIRECTION

Three hours.

Study and practice in the fundamentals of stage direction. Aesthetic distance, emphasis, tempo, balance, unity, stage business, and interpretation of lines are considered. The class members direct short scenes.

67 INTRODUCTION TO RADIO

Three hours.

Study and practice of broadcasting methods; microphone speaking, announcing, radio acting, script, and continuity writing, program building and directing. Prerequisite, Speech 31.

68 ADVANCED RADIO PRODUCTION

Two hours.

Techniques for producing and directing the radio show. Prerequisite, Speech 67.

71 RADIO AND PLAY WRITING

Three hours.

(Journalism 71). A study of modern plays and radio scripts and the actual writing of one-act plays or radio scripts as the student may elect.

Directories for 1950-1951

Degrees and Honors

HONORARY DEGREES CONFERRED

ON JUNE 11, 1950

DOCTOR OF DIVINITY

Reverend William H. McKinney, Indianapolis, Indiana

Reverend Wilford H. McLain, Norwood, Ohio

Chaplain Thornton C. Miller, Rear Admiral, U. S. Navy, Washington, D. C.

Reverend C. Waymon Parsons, Shaker Heights, Ohio

DOCTOR OF LAW

Mr. George H. Love, Pittsburgh, Pennsylvania

Mr. Earl J. McGrath, Washington, D. C.

DEGREES CONFERRED IN COURSE

CLASS OF 1950

ON JUNE 11, 1950

BACHELOR OF ARTS

Summa Cum Laude

Billy Jo Hannon

Alan Hudes Lefkowitz

Magna Cum Laude

Panos Dem. Bardis
Betty Louise Carroll
Grover Clyde Dodder

Joan Carol Knoepfel
Herbert Hoover Lambert
Julia Evelyn McKinney
Harold Robert Watkins

Cum Laude

Norma Barrows
C. Mitchell Bedford
Anita M. Burlingame
Dorothy Daniel France
Robert Jerome Fuhrman

Benjamin Howard Griffith
Robert Gordon Hankey
Andrew Marko
Sally Marie Schreiber
Odelle Lee Stewart
Marjorie Lynette Turley

Rite

Jack Antila
George Walter Bado
Wayne George Balling
Marilyn Nancy Beers
Robert D. Bell
Fred S. Berriman
Martha Jane Black
Nancy Virginia Blair
Noel Vernon Blankenship
Donald Edward Boden
William James Bonville
Perry H. Bowden, Jr.
Harry Robert Broberg
Rodger Edward Brown
Robert C. Buchanan
Nancy Deaves Burch
Robert Eugene Burdette
Frank L. Bush
Reed McCune Carter
James Robert Collin
Joan Doris Cooney
Perry S. Culver
Robert Henry Davis
Virginia Claire Dole
Ralph Harrison Dunkle
Nancy M. Durig
Walter Dynow
James Ellsworth Ferrell
Hilda Lucille Fitch
Paul Lester Flanagan
Barbara Frances Flucke
Russell D. Foster
Carl Gailen France
Kenneth William Furst
Leon Andrew Gabia
Charles Edmond Garlick
Randall J. Gebhardt
Warren W. Gilchrist
Mervin B. Glassman
William Kenton Greaver
Charles Lewis Green
Jack Randolph Gwennap
Naomi Kuntze Halley
Leah Frances Hinchman
Raymond Harold Hite
Robert A. Hurford
A. James Jagoe
Richard John Janssen
Gertrude Eleonore Kalbfleisch
Roland Boyd Kamerer
Ralph Kamhi
William Turner Kelley

Kenneth H. Kindig
Jack Kinsey
John J. Klug
John W. Koleszar
Harvey Leslie LaTourette, Jr.
John A. Lawyer
Frank J. Leach
Paul Mortimer Leeson
Gilbert Theodore Levy
Thomas R. Liedke
Earl Wayne Lindveit
Robert C. Lohman
Virginia Harriette Lowton
Elmer Emmett Lucas, Jr.
Grant Lodge MacNichols
Katharine Cumpston Maillot
(In absentia)
Erwin Jacob Markle
George Marko
Edmund G. Marshall
Harry Martens, Jr.
Georgina M. Martin
Harold Edgar Martin, Jr.
George Ewing Massay
Stewart A. Mayer
Ardythe Lee McClelland
Richard Julius Mees
Barbara A. Messer
James Black Mewhirter
Melvyn S. Oberlander
John D. O'Connor
Edward H. Oehmler
Mary Elizabeth Oltmer
Jeanne Orr
Peter P. Pecora
Edward William Pollock
Helen R. Pratt
Richmond C. Quortrup, Jr.
Amos E. Redding, Jr.
Russell Lee Rhodes
Winona Ann Rosecrans
William Stuart Ryan
Glenn Richard Schreiber
Nick Shumar
Sarah Louise Siedenburger
Richard Henry Slavin, Jr.
Jane M. Smith
Mary JoAnne Smith
Frank E. Spieldenner
Carl Richard Taylor
Ruth Elizabeth Thieroff
Betty J. Townsend

Ralph Ulman, Jr.
Paul Joseph Vanderwood
Henry J. Van Horn, Jr.
Johannes G. Verwer, Jr.
Elizabeth R. Walker

Leonard E. Winski
William Frank Wolf
Frances Elizabeth Wyckoff
Barbara Xenakis
Marjorie Young

BACHELOR OF SCIENCE

Magna Cum Laude

Robert L. Coble

Cum Laude

Robert Tyler Bruhn
Gordon Malcolm Cottington
Frederick Joseph Fiederlein

Ernest John Hannig, Jr.
William Oliver Phillips
Dorothy A. Porter

Forrest Kay Umbel

Rite

Charles Joseph Arnold
Charles Carman Avery, Jr.
Jack Herbert Bates
Jack Breining Behrendt
Joseph R. Berg
Shannon Walter Brown
Philip Harrison Bruhn
James Welch Gillogly Carman
Warren Earl Collins
Donald Franklin Crane
Donald Girard Dorencamp
John B. Ely
Joseph Garnick
Edward Alan Grula
Ruth Marilyn Haering
Robert W. Halley
Ivan Dale Henthorne
William Judson Hervey, Jr.
James J. Kearney

Thomas Francis Kearney
John Kercsmar
Edwin Paul Kulawiec
Allen Victor Ludington, Jr.
Eugene R. McFadden
Mary Elizabeth Metz
James Eric Norbury, Jr.
Robert Louis Pilchard
Edward Allan Ramsey
John William Renner
Robert Eugene Ritter
Earl Nelson Roper
Paul William Ruksha
John Joseph Shea
Robert McKee Stickel
Gene L. Unterzuber
Walter Lawrence Weigele, Jr.
Robert Franklin Wilson
William Charles Zillweger

HONORARY DEGREES CONFERRED

ON MAY 26, 1951

DOCTOR OF LAWS

Mr. Joseph Allen Frear, Jr., Dover, Delaware

Mr. Bordon Burr, Birmingham, Alabama

Mr. Charles Edwin Palmer, McKeesport, Pennsylvania

ON JUNE 10, 1951

DOCTOR OF DIVINITY

Reverend Lyrel Teagarden, Danbury, Connecticut
Reverend Malcolm L. Normant, White Swan, Washington
Reverend Robert S. Tuck, Wooster, Ohio

DOCTOR OF HUMANE LETTERS

Mrs. Eleanor G. Caldwell, Wheeling, West Virginia

DOCTOR OF LAWS

Mr. Felix M. Morley, Washington 4, D. C.
Mr. Alfred E. Wright, Uniontown, Pennsylvania (In absentia)

DEGREES CONFERRED IN COURSE
CLASS OF 1951

ON JUNE 10, 1951

BACHELOR OF ARTS

Summa Cum Laude

Alice Laverne Crook

Joanne Alison Kurtz
Roland Whan Richmond

Magna Cum Laude

Rhoda Emma Kruse
Ann Wilkin

Cum Laude

Sarah Joanne Baird
W. Paul Burig

Betty Jane Catlett
Malcolm Howard MacGavran

Rite

Mary Agnes Adams
Donald R. Allison
John Oscar Atkins
Jeanne Carol Atkinson
William Abraham Barnett, Jr.
Phyllis Jean Baylor
Charles Howard Beall
Marion Elaine Beyer
Richard Howard Benton Boyd
Phyllis Carol Bramwell
Vinny Lucille Bromwich
Joyce Buchanan
Andrew John Bunda, Jr.
Bruce Edson Burghard
William Bruce Campbell
D. Edward Carbonaro
Alfred M. Carey
Susan Emma Cochran
Robert Lee Cook
Robert M. Culp
Peter H. Curran
Marjorie Anderson D'Anci (Mrs.)
Michael P. D'Anci
Ona Margot Deardorff
Ralph Allen Deflin
Edward A. deSciora
Jean Elizabeth Dettmer
Elwood J. Dexheimer
Mario DiPaolo
Jane Ellen Dumire
Donovan Bixler Durbin
Weston Warren Eames
Charles Allen Ferguson
Frank Calvin Ferrell, Sr.
John Gordon Flinn
Stanley John Franzell
William Boyd Grove
Nancy Aline Hall
Thomas Hamilton, Jr.
Shirley Lee Hansroth
Bernice Hope Harris
Don L. Harris
Robert Joseph Haskins
Katharine Ruth Helfer
Doris Katherine Hesse
William Cecil Hissrich
Donald Thomas Hogan
Bonnie Jean Holder
Jeanne L. Johnston
Clara Joy Jones
June Patricia Jordan
Beryl Ann Keckley
Kenneth Benjamin Kershaw
Richard Dean King
Nancy C. Knowles

Ralph Michael Kraus
Frederick Ferdinand Lansill, II
Dale Samuel Laughner
Gerald Victor Levy
Mary Catherine Lowder
Beverly Madden
Lois E. McKee
James Park McMullen, Jr.
David George Medcalf
Donald A. Metts
Joseph Andrew Molitoris
Ethel Charlotte Montiegel
Marylou Myers
(Now: Mrs. Donn Ramsdell)
Robert W. Nast
Mary Louise Naylor
William Ebenezer Perry
John Bernard Peterson
Ronald William Philips
David Deloe Pracht
Ilene Marie Racho
Dana Allen Raney
Robert Michael Regney
Harold F. Reith
David James Rennie
Homer L. Richardson
Richard E. Rogers
William Stephen Roth
Jane Marie Rudin
A. Herbert Sandwen
Patricia Anne Saxton
Jean Anne Scheller
Edwin Franklin Schulz, Jr.
Barbara Ellen Scott
Leslie Ann Shillinger
James Frantz Smith
Robert Boyce Smith (in absentia)
Carl Willis Staples
Richard Lee Steinbrunn
Samuel Lewis Sternberg
Robert E. Switzer
Curtis J. Thomas
Raymond Shaw Tomassene
Jean Harrison Townsend
Mike Varlas
John Vujnovic
Marjorie Edith Wagner
William Campbell Watson
Emyrus Royden Weeks
David L. Weikal
Renee Beth Wicha
Neil Chambers Wiggin
Wyatt Martin Young
Laura Betty Zumpe

BACHELOR OF SCIENCE

Cum Laude

Paul V. Huchette

Rite

Ruth Aagenas
William Arthur Amsie
Eric Antila
Anthony Joseph Bruno
Thomas William Cook, Jr.
F. Philip Esposito
Elizabeth Ann Fraim
Patricia Ann Germon
Roy Edward Gordon
Webb F. Higinbotham
Ray Francis Jackson, Jr.
Robert Thompson LaBarre
Don William Lee

John Fergusson MacDonald, Jr.
William Emanuel Makris
Anthony Frank Maruca
James George Morrison
George Edward Nicholas
Arther Henry Orłowski
Francis deSales Palmer
Albert Edwin Patterson
George Matthew Peterson, Jr.
Richard Frank Poss
Daniel J. Sarokon
Robert N. Steel
Henry C. Zingher

Roster of Students

SUMMER SESSION

1950

SENIORS

Gordon, Roy.....3525 Decatur Avenue, New York 67, New York
 McGavran, Malcolm H.....Takhatur, Bilaspur, C. P., India
 Morrison, James G.....732 Cove Road, Cove Station, Weirton, W. Va.
 Palmer, Francis.....1318 Lake Street, Elmira, New York
 Shaffer, Carrollton.....473 Carnegie Drive, Pittsburgh 16, Pa.

JUNIORS

Aagenas, Ruth.....155 Drake Avenue, Staten Island, New York
 Allison, Donald R.....1408 12th Street, Altoona, Pennsylvania
 Allison, Willard K., Jr.....Hickory, Pennsylvania
 Campbell, William Bruce.....412 South Penn Street, Wheeling, W. Va.
 Culp, Robert.....247 Grant Street, Houston, Pennsylvania
 Curran, Peter H.....R. F. D. #1, Santa Rosa, Texas
 Dally, Charles H.....912 16th Street, Aliquippa, Pennsylvania
 Dieckmann, Joan E.....Park View Lane, Wheeling, West Virginia
 DiPaolo, Mario.....936 Clifton Street, Follansbee, West Virginia
 Franzell, Stanley.....Box 86, Valley Grove, West Virginia
 Hamilton, Thomas.....21-08 149th Street, Whitestone, L. I., New York
 Kleinfeld, Philip.....1145 E. 7th Street, Brooklyn, New York
 Peterson, George M.....91 Roosevelt Avenue, Bergenfield, New Jersey
 Pracht, David D.....121 Edgewood Street, Wheeling, West Virginia
 Rogers, Richard.....507 19th Street, Altoona, Pennsylvania
 Weikal, David L.....Box 47, Clark, Pennsylvania

SOPHOMORES

Coltman, Charles.....375 Parkway Drive, Pittsburgh 28, Pennsylvania
 Hurl, Rodney.....66 Mansfield Avenue, Shelby, Ohio
 McCuskey, Bradford M.....Hazlett Court, Wheeling, West Virginia
 Rithner, Henry.....332 Commerce Street, Wellsburg, West Virginia
 Schulz, Edwin.....596 Manville Road, Pleasantville, New York
 Striebich, Robert.....Ridgecrest Boulevard, Wheeling, West Virginia
 Wentworth, Alfred.....502 Berlin Road, Pittsburgh 21, Pennsylvania

FRESHMEN

Bowland, David.....Box 336, R. D. #1, McKeesport, Pennsylvania
 Doster, Harold.....5682 Seneca Road, Cleveland, Ohio
 Friedman, Jack.....133 West 7th Avenue, Tarentum, Pennsylvania
 Ierise, Nicodemus F.....1045 Main Street, Follansbee, West Virginia
 Rose, Davis Glenn.....1120 S. Carolina Street, Louisiana, Missouri
 Schoof, Robert.....141 Morningside Road, Verona, New Jersey
 Silcock, James.....12 East Main Street, Carnegie, Pennsylvania

UNCLASSIFIED STUDENTS

Ashley, William R.....107 West View Drive, Charleston, West Virginia
 Burwell, James.....Claysville, Pennsylvania
 D'Aliberti, Alfred.....1318 Park Street, Steubenville, Ohio

Germon, Wesley M.	R. D. #1, Wellsburg, West Virginia
Jackson, Ray Francis	508 North Third Street, Toronto, Ohio
Lewis, George M.	R. D. #1, Wellsburg, West Virginia
Peterson, John	91 Roosevelt Avenue, Bergenfield, New Jersey
Showman, Frank	302 South Ninth Street, Connellsville, Pennsylvania
Staffileno, Harry	1022 Commerce Street, Wellsburg, West Virginia

SUMMER SESSION

1950

Enrollment by Classes

	<i>Men</i>	<i>Women</i>	<i>Total</i>
Senior	5	0	5
Junior	14	2	16
Sophomore	7	0	7
Freshman	7	0	7
Unclassified	9	0	9
Total	42	2	44

Enrollment by States

India	1
Missouri	1
New Jersey	3
New York	7
Ohio	4
Pennsylvania	14
West Virginia	14
Total	44

ACADEMIC YEAR

1950-1951

SENIORS

Aagenas, Ruth	155 Drake Avenue, Staten Island 14, N. Y.
Adams, Mary Agnes	156 Sunset Lane, Tenafly, N. J.
Allison, Donald Roy	1408 Twelfth Street, Altoona, Pa.
Allison, Willard Kenneth, Jr.	Hickory, Pa.
Amsie, William Arthur	30 Carruth Street, Dorchester, Mass.
Atkins, John Oscar	415 Fifth Avenue, Hinton, W. Va.
Atkinson, Jean Carol	Thorncrest Drive, R. F. D. #6, Butler, Pa.
Baird, Sarah Joanne	Bethany, West Virginia
Barnett, William Abraham	145 Prospect Avenue, Westwood, N. J.
Baylor, Phyllis Jean	1058 Rose Drive, Louisville, Ky.
Beall, Charles Howard	1451 Pleasant Avenue, Wellsburg, W. Va.
Beyer, Marion Elaine	170 East Grant Avenue, Roselle Park, N. J.
Boyd, Richard Benton	Box 240, Huntington, W. Va.
Bramwell, Phyllis Carol	580 Kenilworth Drive, Pittsburgh 34, Pa.
Bromwich, Vinny Lucille	83-11 Kent Road, Jamaica 3, N. Y.
Bruno, Anthony Joseph	932 Seventh Street, New Kensington, Pa.
Buchanan, Joyce	44 Elm Avenue, Metuchen, N. J.

Buchanan, William F.	1705 Manor Avenue, McKeesport, Pa.
Burghard, Bruce Edson	222 Wheatfield St., N. Tonawanda, N. Y.
Burig, William Paul	R. F. D. #2, Claysville, Pa.
Campbell, William B.	412 South Penn Street, Wheeling, W. Va.
Carbonaro, Domenick Edward	743 Bushwick Avenue, Brooklyn 21, N. Y.
Carey, Alfred May	257 Brighton Road, Bellevue, Pa.
Catlett, Betty Jane	204 Elkins Street, Beckley, W. Va.
Cochran, Susan Emma	Box 631, Dawson, Pa.
Cook, Robert L.	17302 Woodbury Avenue, Cleveland, Ohio
Crook, Alice LaVerne	199 North Lyman Street, Wadsworth, Ohio
Culp, Robert M.	247 Grant Street, Houston, Pa.
Curran, Peter Hilliard	R. F. D. #1, Santa Rosa, Texas
Dally, Charles Herbert	912 Sixteenth Street, Aliquippa, Pa.
D'Anci, Marjorie Anderson	73 Selston Avenue, Brooklyn 41, N. Y.
D'Anci, Michael Peter	Main Street, Emerson, N. J.
Deardorff, Ona Margot	23 South Euclid Avenue, Bellevue, Pa.
Deflin, Ralph Allen	12061 Joan Drive, Pittsburgh, Pa.
de Sciora, Edward Andrew	429 3rd Street, Brooklyn 15, N. Y.
Dettmer, Jean Elizabeth	13 Rose Blvd., Baldwin, N. Y.
Dexheimer, Elwood J.	177 Ellery Avenue, Newark 6, N. J.
DiPaolo, Mario	936 Clifton Street, Follansbee, W. Va.
Dumire, Jane Ellen	Box 569, Elkins, W. Va.
Durbin, Donovan Bixler	1011 Aetna Street, Connellsville, Pa.
Eames, Weston Warren	35 Damon Road, Medford 55, Mass.
Esposito, Frank Philip	71 Briarcliff Road, Hamden, Conn.
Feagin, Olin B., Jr.	R. F. D. #1, West Finley, Pa.
Feinstein, Neil Robert	458 Jamaica Avenue, Brooklyn, N. Y.
Ferguson, Charles A.	392 Hazel Drive, Mount Lebanon, Pittsburgh 28, Pa.
Ferrell, Frank Calvin	87 Washington Street, Sharon, Pa.
Flinn, John Gordon	Arch Street, Ogdensburg, N. J.
Fraim, Elizabeth Ann	165 Engle Street, Tenafly, N. J.
Franzell, Stanley	Box 86, Valley Grove, W. Va.
Germon, Patricia Ann	R. F. D. #1, Wellsburg, W. Va.
Gordon, Roy Edward	3525 Decatur Avenue, New York 67, N. Y.
Grove, William Boyd	305 Elm Street, Johnstown, Pa.
Grubel, John Chalmers	392 East Nineteenth Street, Paterson, N. J.
Hall, Nancy Aline	110 Brilliant Avenue, Pittsburgh 15, Pa.
Hamilton, Thomas Jr.	21-08 149th Street, Whitestone, N. Y.
Hansroth, Shirley Lee	51 Browning Street, Cumberland, Md.
Harris, Bernice Hope	1745 North Sixtieth St., Philadelphia 31, Pa.
Harris, Donald Lee	3314 West Street, Weirton, W. Va.
Haskins, Robert Joseph	1205 Valley View Avenue, Wheeling, W. Va.
Helfer, Katharine Ruth	108 South Rolling Road, Baltimore, Md.
Hesse, Doris K.	3652 Riverview Drive, Weirton, W. Va.
Higinbotham, Webb Fay	2208 Vance Avenue, Wheeling, W. Va.
Hissrich, William Cecil	R. F. D. #1, St. Clairsville, Ohio
Hogan, Donald Thomas	16 Second Street, Beech Bottom, W. Va.
Holder, Bonnie Jean	R. F. D. #1, New Martinsville, W. Va.
Huchette, Paul Van Zandt	107 Boulevard Street, Point Marion, Pa.
Huhn, Ross	Liberty Street, Smithfield, Pa.
Jackson, Ray Francis	508 North Third Street, Toronto, Ohio
Johnston, Jeanne Louise	5014 Jefferson Street, Bellaire, Ohio
Jordan, June	181 East Hazeltine, Buffalo, N. Y.
Keckley, Beryl Ann	970 Mount Vernon Road, Newark, Ohio
Kershaw, Kenneth B.	3214 East 10th Street, Kansas City, Mo.
King, Richard Dean	5607 Elmer Street, Pittsburgh, Pa.
Kleinfield, Philip Henry	1145 East 7th Street, Brooklyn, N. Y.
Knowles, Nancy	4878 East 88th Street, Cleveland 25, Ohio

Kruse, Rhoda Emma	146 81st Street, Brooklyn 9, N. Y.
Kurtz, Joanne Alison	981 Crest Lane, Carnegie, Pa.
LaBarre, Robert Thompson	2015 Pleasant Avenue, Wellsburg, W. Va.
Lansill, Frederick	52 Orchard Terrace, Orchard Park, N. Y.
Lee, Don William	2110 Maple Avenue, Wellsburg, W. Va.
Levy, Gerald Victor	2 Reid Street, West End, N. J.
Loerch, Eleanore	517 Taylor Street, Greensburg, Pa.
Lowder, Mary Catherine	309 Brooks Street, Charleston, W. Va.
MacDonald, John Ferguson	102 24th Street, Wellsburg, W. Va.
Madden, Anne Beverly	519 Ridgewood Avenue, Glen Ridge, N. J.
Makris, William Emanuel	Box 319, Powhatan Pt., Ohio
Maruca, Anthony Frank	70 Lemon Street, Uniontown Pa.
McCuskey, Bradford Mann	Cherry Hill Road, Wheeling, W. Va.
McKee, Lois Emma	76 Cottage Place, Mineola, N. Y.
McMullen, James Park	10th & Franklin Avenue, Wellsburg, W. Va.
Medcalf, David	YMCA, Waycross, Georgia
Metts, Donald Andrew	1325 Main Street, Follansbee, W. Va.
Molitoris, Joseph Andrew	Box 268, Whippany, N. J.
Montiegel, Ethel Charlotte	2419 Hess Avenue, Wheeling, W. Va.
Myers, Marylou	5575 Hampton Street, Pittsburgh 6, Pa.
Nast, Robert William	85 Erledon Road, Tenaflly, N. J.
Naylor, Mary Louise	143 Derby Street, Johnstown, Pa.
Nicholas, George	2513 Warwood Avenue, Wheeling, W. Va.
Orlowski, Arthur Henry	869 Fourth Avenue, New Kensington, Pa.
Patterson, Albert Edwin	440 Abbott Avenue, Ridgefield, N. J.
Perry, William Ebenezer	Bethany, W. Va.
Peterson, George Matthew	91 Roosevelt Avenue, Bergenfield, N. J.
Peterson, John Bernard	91 Roosevelt Avenue, Bergenfield, N. J.
Philips, Ronald William	R. F. D. #3, Butler, Pa.
Poss, Richard Frank	3400 W. 165th Street, Markham, Ill.
Pracht, David Deloe	121 Edgewood Street, Wheeling, W. Va.
Racho, Ilene Marie	1710 23rd Street, Wyandotte, Mich.
Raney, Dana Allen	320 Sandridge Road, Bowling Green, Ohio
Regney, Robert Michael	1153 Bechtel Street, Monaca, Pa.
Reith, Harold Frederick	166 Birchwood Drive, E. Paterson, N. J.
Rennie, David James	Venetia, Pa.
Richardson, Homer Lee	1121 Sycamore Street, Steubenville, Ohio
Richmond, Roland Whan	406 Chestnut Street, Nutley, N. J.
Rogers, Richard Earl	507 19th Street, Altoona, Pa.
Roth, William Stephen	3753 W. 134th Street, Cleveland 11, Ohio
Rudin, Jane Marie	20 Shedd Place, Rutland, Vt.
Sandwen, Arthur Herbert	238 Middle Street, East Weymouth, Mass.
Sarokon, Daniel	Indiana Hotel, Indiana, Pa.
Saxton, Patricia Anne	64 Mayfair Drive, Pittsburgh 16, Pa.
Scheller, Jean Anne	416 East Francis Avenue, Connellsville, Pa.
Schulz, Edwin, Jr.	596 Manville Road, Pleasantville, N. Y.
Scott, Barbara Ellen	230 Newell Road, Bangor, Me.
Shearer, Jerry Ray	1292 Pennington Road, West Englewood, N. J.
Shillinger, Leslie Ann	708 Washington Drive, Pittsburgh 29, Pa.
Smith, James Frantz	111 East Walnut Avenue, Altoona, Pa.
Staples, Carl William	700 Washington Street, Braintree, Mass.
Steel, Robert Nelson	1754 Nostrand Avenue, Brooklyn, N. Y.
Steinbrunn, Richard Lee	1121 Highland Street, Tarentum, Pa.
Sternberg, Samuel Lewis	249 New York Avenue, Brooklyn, N. Y.
Summers, Nancy Lou	849 Madison Avenue, Huntington, W. Va.
Switzer, Robert Earl	8 Thornton Avenue, Buffalo 15, N. Y.
Thomas, Curtis James	238 Birch Avenue, Pittsburgh 16, Pa.
Townsend, Jean Harrison	63 North Jackson Avenue, Pittsburgh 2, Pa.

Varlas, Mike	208 Birch Avenue, Moundsville, W. Va.
Vujnovic, John	3708 Orchard Street, Weirton, W. Va.
Wagner, Marjorie Edith	16 Tusca Glen, Beaver Pa.
Watkins, Stuart Raymond	346 Olive Street, Painted Post, N. Y.
Watson, William Campbell	607 San Luis Road, Berkeley 7, Calif.
Weeks, Emyrus Royden, Jr.	669 Lexington Road, Union, N. J.
Weikal, David Lee	Box 47, Clark, Pa.
Wicha, Renee Beth	43-11 215th Place, Bayside, L. I., N. Y.
Wiggin, Neil Chambers	62 Nahant Street, Lynn, Mass.
Wilkin, Ann	1453 Main Street, Wellsburg, W. Va.
Wilkins, Dudley C.	59 S. Woodland Avenue, Woodbury, N. J.
Young, Wyatt Martin	R. F. D. #2, Box 221, Turtle Creek, Pa.
Zumpe, Laura Betty	1403 Meadow Street, McKeesport, Pa.

JUNIORS

Akins, Beverly Jean	98 Harrington Avenue, Westwood, N. J.
Albrecht, Barbara Marie	206 Hillside Avenue, Mount Vernon, N. Y.
Bendall, John Wentworth	219 W. 6th Avenue, Roselle, N. J.
Bernhardt, Daniel Webster	729 W. LaSalle Avenue, South Bend, Ind.
Berseth, Marjorie Ruth	132 Linnview Avenue, Pittsburgh, Pa.
Boettcher, Constance Ann	Box 77, Bethany, W. Va.
Bogelmann, Margaret Emma	19 Benmore Avenue, Franklin Sq., L. I., N. Y.
Bonar, William Dewey	West Liberty, W. Va.
Bramel, Rosemarie Kathleen	104 Bellmore Street, Floral Park, N. Y.
Brown, Joan Marie	Box 215, Bethany, W. Va.
Bucy, Elizabeth Ann	412 Winchester Avenue, Martinsburg, W. Va.
Buist, Elsie Louise	25 Sunnywood Drive, Westfield, N. J.
Chowenhill, Frampton Charles	375 Bedford Road, Pleasantville, N. Y.
Christman, Theo	7 Great Oak Road, Manhasset, L. I., N. Y.
Clark, Claire Connelly	45 Weston Street, Nutley, N. J.
Coggins, William E.	56 Hawthorne Avenue, Glen Ridge, N. J.
Collins, Douglass	325 Hillside Avenue, Nutley, N. J.
Coltman, Charles A., Jr.	375 Parkway Drive, Pittsburgh 28, Pa.
Cullis, John Faraday	4511 Seiger Street, Brookhaven, Chester, Pa.
Dallanegra, Marc	7 Cathedral Avenue, Nutley, N. J.
Davidson, C. Libby	700 West 178th Street, New York, N. Y.
Dunn, Joann Marie	420 Crandall Avenue, Youngstown, Ohio
DuPont, Joan M.	85 Dover Road, Manhasset, L. I., N. Y.
Eberle, Joanne	146 Sunset Lane, Tenafly, N. J.
Elder, Suzanne V.	451 Chestnut Street, New Castle, Pa.
Elliott, Shirley Ann	314 Elizabeth Avenue, Avalon, Pa.
Forbes, Gerald Byrd	1806 West Sixth Street, Ashtabula, Ohio
Freese, Elmer H.	4028 Eoff Street, Wheeling, W. Va.
Friedman, Jack Harold	133 W. 7th Avenue, Tarentum, Pa.
Gault, Richard E.	R. F. D. #2, Brownsville, Pa.
Germon, Wesley Marion	R. F. D. #1, Wellsburg, W. Va.
Gilliland, Richard W.	Fulton Park Apartments C-15, White Plains, N. Y.
Gobel, Eleanore Ferrand	Box 284, Bound Brook, N. J.
Greany, Diane Patricia	14 Daisy Place, Tenafly, N. J.
Green, George Saunders	Box 4, Bethany, W. Va.
Gudgel, Charline White	Box 25, Bethany, W. Va.
Hare, John Richard	West Alexander, Pa.
Hazard, Almon Lyle	Little Genesee, N. Y.
Hettinger, Barbara Rose	1208 The Strand, West Englewood, N. J.
Hettler, James Runk	R. F. D. #3, Elyria, Ohio
Hoffman, Charles Ferdinand	38 Drexel Street, Croton, N. Y.
Holl, Evelynne Marie	11950 Sector Avenue, Cleveland 11, Ohio

Hoover, Ashby Bee	R. F. D. #3, Mechanicsburg, Pa.
Hurl, Rodney Beck	66 Mansfield Avenue, Shelby, Ohio
Irving, Claire Marie	253 Everett Place, Englewood, N. J.
Kanrich, Andrew	1112 Park Avenue, New York 28, N. Y.
Keiser, Paul David	#2 Mifflin Apartments, Butler, Pa.
Keller, Narka Lee	2144 Marshall Avenue, Elm Grove, W. Va.
Kelley, Jane Ann	Medford Lakes, N. J.
Kimball, Lesly A.	2 Ferncliff Terrace, Montclair, N. J.
King, J. Darwin	Box 251, Hopwood, Pa.
Kocornik, Mildred Erna	9 West View Road, West Orange, N. J.
LaBella, Frank	Old County Road, Demarest, N. J.
Lallone, Joan	990 Alpine Drive, Teaneck, N. J.
Lashen, Kenneth Martin	118 Fourth Street, California, Pa.
Leswing, Anna May B.	138 Greenwood Avenue, Jenkintown, Pa.
LeVine, Donald Caldwell	2360 Birtley Avenue, Pittsburgh 26, Pa.
LeVine, Thomas Caldwell	2360 Birtley Avenue, Pittsburgh 26, Pa.
Mazziotta, Frank Paul	12 DeVausney Place, Nutley, N. J.
McConn, Gerald Edward	Bethany, W. Va.
McGregor, Edgar Russell	Shawnee Hills, Wheeling, W. Va.
Miller, Thomas Lee	202 Grant Avenue, Moundsville, W. Va.
Morrison, John Ronald	732 Cove Road, Weirton, W. Va.
Murk, Arthur Herbert, Jr.	228 Summit Avenue, Bogota, N. J.
Murphy, Edwin Vance	502 South York Street, Wheeling, W. Va.
Murphy, Gaylord Milton	Marianna, Pa.
Murphy, Richard Wayne	164 Audubon Drive, Snyder 21, N. Y.
Murvin, Theoren Jerald	Washington Farms, Wheeling, W. Va.
Nicholas, Irene Carols	2513 Warwood Avenue, Wheeling, W. Va.
Niepp, Fred Anton, Jr.	550 Chess Street, Pittsburgh 5, Pa.
Nowacki I. Richard	109 Marshall Street, Benwood, W. Va.
Oakes, Bernard Marion	809 Harrison Street, Princeton, W. Va.
O'Donoghue, Nancy	8 Fiske Road, Wellesley Hills, Mass.
Oltmer, Florence Charlotte	Demarest, N. J.
Owens, Gladys Fern	Box 3, Bethany, W. Va.
Owens, Owen	Dennis Star Route, Weatherford, Texas
Pendergast, Robert E.	1085 Warren Avenue, Brockton, Mass.
Piccirilli, Madlyn Josephine	83 Chester Avenue, Bloomfield, N. J.
Pryor, Dayton Carl	3115 Bramar Road, Camp Hill, Pa.
Rice, Keith LeRoy	R. F. D. #1, Mingo Junction, Ohio
Ries, Esther Louise	2710 Jacob Street, Wheeling, W. Va.
Rithner, Henry A. III	332 Commerce Street, Wellsburg, W. Va.
Romagnoli, Pietro Pierre	966 Clifton Street, Follansbee, W. Va.
Rose, Davis Glenn	1120 S. Carolina Street, Louisiana, Missouri
Rosie, Shirley Anderson	132 Sylvan Avenue, West Hartford 7, Conn.
Rozanski, Thomas Francis	35 Turner Street, Plymouth, Pa.
Schumacher, Dorothy Karla	454 Prospect Avenue, Mount Vernon, N. Y.
Scott, John Finley	34 Thayer Street, Washington, Pa.
Stephens, Robert Nelson	Comfort, W. Va.
Stubbs, Bernard Francis	15 Birch Avenue, Wheeling, W. Va.
Stubbs, Rosemary	Box 152, Allison Park, Pa.
Sullivan, Jerry Moore	423 Fifth Street, N. W., New Philadelphia, Ohio
Tarr, William Richard	2025 Marianna Street, Wellsburg, W. Va.
Tatlock, Robert Shanks	930 Meigs Avenue, Jeffersonville, Ind.
Thomas, Walter Raymond, Jr.	Box E, Russells Point, Ohio
Thompson, Lizabeth Ann	169 Cherry Lane, Teaneck, N. J.
Tiberg, Ethel A.	466 East Fifth Street, Mount Vernon, N. Y.
Topp, Ronald Allen	Highland Park, Wheeling, W. Va.
White, Edward Glen	Box 425, Bethany, W. Va.
Whitehead, Richard	71 7th Street, Wellsburg, W. Va.

Williams, Richard N.	112 Oakview Avenue, Pittsburgh 18, Pa.
Wolfe, Helen Jane	597 Whalley Avenue, New Haven 11, Conn.
Woolery, Lucretia Ann	Box 125, Bethany, W. Va.
Wright, Samuel Cochran	97 Spruce Way, Belmont Circle, Uniontown, Pa.
Wrubleski, Henry C.	70 Park Avenue, Naugatuck, Conn.

SOPHOMORES

Aldrich, William Albright	480 North Market Street, East Palestine, Ohio
Altemese, Danny Pete	Main Street, New Martinsville, W. Va.
Anderson, Gordon Sherwood	197 Stowe Street, Jamestown, N. Y.
Antigo, Ronald Glenn	Box 204, Bethany, W. Va.
Arnaud, Peter Haslett	169 Sarles Lane, Pleasantville, N. Y.
Atkinson, Helen Carol	R. F. D. #6, Butler, Pa.
Ayer, Diana Davis	181 Main Street, Kingston, Mass.
Baird, Kathryn H.	Box 55, Bethany, W. Va.
Balsinger, Jo Ann	Box 391, Bridgeville, Pa.
Bender, William	250 Bank Street, Waterbury, Conn.
Bennett, Homer Lampson	28 Fourth Street, Oakland, Md.
Bernhard, Mark Alexander	2625 Grand Concourse, New York 58, N. Y.
Bevak, Jacqueline Mary	R. F. D. #1, Blairsville, Pa.
Birkhimer, Richard Thomas	571 Virginia Avenue, Chester, W. Va.
Blamick, Wesley Eric	Box 530, Lincoln Way, McKeesport, Pa.
Bellas, John Alexander	Pleasant Hills, Wellsburg, W. Va.
Bloemeke, Frederick Donald	18 Terrace Avenue, Nutley 10, N. J.
Bohlmann, David Judson	825 James Avenue, Niagara Falls, N. Y.
Boone, William John	Conatton, Ohio
Boyd, Charles Jackson	Armonk, N. Y.
Brady, Charles Richard	345 Tyler Avenue, Washington, Pa.
Bragg, Peter Elton	Dodge Farm, Chappaqua, N. Y.
Braisted, Stephen Burrows, Jr.	108 Locust Street, Garden City, N. Y.
Cable, Forestine Elizabeth	211 Orlando Street, Johnstown, Pa.
Campbell, Peggy Ann	3459 Riverview Drive, Weirton, W. Va.
Carr, Joanne	3540 Brightway, Weirton, W. Va.
Clarke, David Frederick	32 Ridgewood Avenue, Wheeling, W. Va.
Claypoole, Thomas H.	1118 Wellesly Avenue, Steubenville, Ohio
Coble, Dorothy Joanne	324 North Main Street, Uniontown, Pa.
Cochran, Mary Elizabeth	Box 631, Dawson, Pa.
Cole, Audrey Estelle	180 North Broadway, Nyack, N. Y.
Cole, Burt Jaxon	412 West 110th Street, New York, N. Y.
Coles, Carolyn	408 Maple Avenue, Aspenwall, Pa.
Cook, Emily Louise	R. F. D. #2, Belle Vernon, Pa.
Cummings, Malcolm Stanley	518 South Broadway, Scottdale, Pa.
Dawson, Jacklyn Eva	410 Lincoln Street, Sayre, Pa.
Decker, Robert Forest	Winding Hill, Bellaire, Ohio
DeGregorio, Francis Joseph	689 Main Street, East Hartford, Conn.
Denzer, George Fred	73-08 57th Road, Maspeth, N. Y.
Devinney, Jane Raph	758 Cleveland Avenue, Elizabeth, N. J.
Di Giacinto, Vendal James	613 Main Street, Follansbee, W. Va.
Dingman, Jane Audrey	58 Saratoga Avenue, Yonkers 5, N. Y.
Doster, Harold Charles	6682 Seneca Road, Cleveland 24, Ohio
DuFour, Joan	205 Somerset Street, Bound Brook, N. J.
Eberhart, Arthur L.	501½ Center Street, Martins Ferry, Ohio
Edgerton, Beverly Joanna	Box 135, Morristown, N. J.
Fair, Lois Ruth	Box 75, Bethany, W. Va.
Fischl, Joan Teddy	5600 Mosholu Avenue, Riverdale, N. Y.
Ford, Donald Robert	1427 Atlantic Street, Warren, Ohio

Forman, Robert Ray	Main Street, New Salem, Pa.
Frazier, Peter Parson	Greenwich Road, Bedford, N. Y.
Furhman, David Sanford	33 Fairfield Place, Yonkers, N. Y.
Garate, Bonita Solis	57 Bixley Heath, Lynbrook, N. Y.
Garfiel, Stanley	271 Fort Washington Avenue, New York 32, N. Y.
Gargle, Albert Solomon	Pine Hill Lodge, Mount Freedom, N. J.
Gates, Charles Richard	Box 296, Perrysville, Pa.
Gilbert, Herbert Albert	8 Arkansas Drive, Valley Stream, L. I., N. Y.
Gobel, Stanley John, Jr.	Box 284, Bound Brook, N. J.
Gordon, John Wood	104 Main Street, Belle Vernon, Pa.
Gusta, Joanna	2503 Market Street, Wheeling, W. Va.
Hall, Paul B.	Markleton, Pa.
Hertel, Bruce Marshall	367 Conniston Avenue, Pittsburgh 10, Pa.
Hillyer, Ann Marie	1903 Wallace Street, York, Pa.
Hindman, Mary Ann	618 McKean Street, Butler, Pa.
Holmskog, Norman Eugene	800 Monument Boulevard, Concord, Calif.
Hopkins, John Edward	1212 Oakglen Street, Pittsburgh 4, Pa.
Ierise, Nicodemus Frank	1045 Main Street, Follansbee, W. Va.
Ike, Lester Stewart	R. F. D. #2, Claysville, Pa.
Isaac, Albert	91 South Burritt Street, New Britain, Conn.
Johnson, Herbert R.	402 Stowe Street, Jamestown, N. Y.
Jolly, Robert K.	3318 Dodds Avenue, Chattanooga, Tenn.
Jordan, Lois Ann	223 West Liberty Street, Punxsutawney, Pa.
Kasarda, Nancy Carolyn	Bellevue Heights, Bellaire, Ohio
Ketcham, Patricia Marie	Osborne Hill Road, Fishkill, N. Y.
Kimmel, Jeffrey	30 East 91st Street, Brooklyn, N. Y.
Kirk, Wayne Stevenson	540 Terrace Street, Aliquippa, Pa.
Klutinyoty, Chris	615 N. Main Street, Butler, Pa.
Kupets, James Adams	Box 494, Republic, Pa.
Lauber, Nanette Jane	152 Highwood Avenue, Tenafly, N. J.
LaVilla, Robert Eugene	2325 Southern Boulevard, New York, N. Y.
Mader, William Charles	245 Grove Avenue, Ridgeway, Pa.
Manierre, William Arthur	30 Walter Place, East Hartford, Conn.
Marciniak, Jerome John, Jr.	3678 Middletown Road, Pittsburgh 4, Pa.
Marziale, Rita Faye	3535 Orchard Street, Weirton, W. Va.
Massay, Glenn F.	306 Sixth Street, Monongahela, Pa.
McClintock, Joan Caryl	29 Fairview Avenue, Madison, N. J.
McGall, Edward Clifford	227 Edward Avenue, Pittsburgh 16, Pa.
McLaughlin, John Neil	3757 Pennsylvania Avenue, Weirton, W. Va.
Meidell, Marilyn	18430 Prairie, Detroit 21, Mich.
Mendlinger, Audrey Bertha	4365 Colonial Park Drive, Pittsburgh, Pa.
Moscato, Rosemary	Box 223, Brookhaven, N. Y.
Myers, Nancy Mae	Snug Harbor, Steubenville, Ohio
Nagle, Elizabeth Ann	2493 Niagara Street, Buffalo 7, N. Y.
Ogilvy, Margaret Dorothy	41 North 21st Street, East Orange, N. J.
Ott, John Edward	1027 Virginia Street, Martins Ferry, Ohio
Ottey, Thomas H.	322 Woodlawn Road, Steubenville, Ohio
Parrill, Harrell John	436 Hazlett Avenue, Wheeling, W. Va.
Pease, Florence Jean	45 East Webster Avenue, Roselle Park, N. J.
Pelsue, Donald Gene	7327 Drexel, Union City, Mo.
Phelps, Richard Harold	920 Liberty Street, McKees Rocks, Pa.
Plummer, Kathryn Doris	405 Ford Avenue, Ogdensburg, N. Y.
Quist, Barbara Joan	76 Nichols Avenue, Brooklyn 8, N. Y.
Rabenau, Patricia Ann	44 Westervelt Avenue, Baldwin, N. Y.
Rapp, John McIntyre	219 Park Road, Carnegie, Pa.
Reed, Carl Lewis	536 Louisiana Avenue, Chester, W. Va.
Riddell, Joyce Anna	1234 South Taylor Street, Arlington, Va.

Ritterbush, William Carleton	1403 Sussex Road, West Englewood, N. J.
Riznick, Alex Nicholas	1818 Fifth Avenue, New Kensington, Pa.
Robertson, Jean Ann	42 Longview Avenue, Hackensack, N. J.
Robinson, Jane Alice	2100 Planavon, Ferndale, Mich.
Robinson, Robert James	Culler Road, Weirton, W. Va.
Romagnoli, Alfonso Louis	966 Clifton Street, Follansbee, W. Va.
Rothrock, Judith Ellen	3901 Claremont Place, Weirton, W. Va.
Schneider, Dudley Scott	52 Lyons Place, Springfield, N. J.
Schoof, Robert Carl	141 Morningside Road, Verona, N. J.
Scribner, Thomas Mansfield	Church Street, Pleasantville, N. Y.
Seabright, Marjorie Ann	309 Washington Avenue, Wheeling, W. Va.
Selby, Donald Irving	111 Pomeroy Road, Madison, N. J.
Shadle, Lloyd Blair	Box 32, Ernest, Pa.
Shanaman, John Edward	183 Ridgecrest Road, Wheeling, W. Va.
Sharp, Robert McMillan	1810 Converse Street, McKeesport, Pa.
Sheckler, Christine	1655 Laketon Road, Pittsburgh 21, Pa.
Sheets, Roger Ervin	811 Berkley Road, Indianapolis, Indiana
Shipman, Robert Wesley, Jr.	16 Lexington Drive, Croton-on-the-Hudson, N. Y.
Silcock, James	561 Bouquet Street, Carnegie, Pa.
Spitzler, Robert Theodore	192 Pennsylvania Avenue, Freeport, N. Y.
Steiner, Nathaniel	310 East Ninth Street, New York 3, N. Y.
Stocker, Nancy Jo	454 Linden Avenue, New Martinsville, W. Va.
Striebich, Robert R.	Bethlehem, Wheeling, W. Va.
Taibi, George	706 Main Street, Follansbee, W. Va.
Taylor, Wesley Vanderbeck, Jr.	802 Eleventh Avenue, Belmar, N. J.
Tebbs, Gifford Raymond	5690 Koeffler Street, Pittsburgh 27, Pa.
Telle, Byron J.	2116 Chapline Street, Wheeling, W. Va.
Thompson, Carol Eloise	209 Summit Drive, Blawnox, Pa.
Thompson, Emma Charlene	Main Street, Avella, Pa.
Truschel, William Harry, III	1810 National Road, Wheeling, W. Va.
Turnamian, Armen Malcom	4528 Hudson Avenue, Union City, N. J.
Valot, Merlin Hake, Jr.	R. F. D. No. 5, Warren, Ohio
Vanderhoof, Adele Doris	66 Mississippi Avenue, West Orange, N. J.
Warren, William Robinson	515 Twenty-Second Street, Santa Monica, Calif.
Warrender, Caryl Ann	Lagro Road, R. R. No. 2, Marion, Ind.
Weaver, Baldwin Wayne	R. F. D. No. 2, Gibsonia, Pa.
Weikle, Oravel Keith	Box 71, Sprague, W. Va.
Weiss, Kathryn Rose	206 Good Drive, Perrysville, Pa.
Welch, Travella Goodall	125 Brown Street, Belle Vernon, Pa.
Welling, Geraldine Marie	39 Franklin Avenue, Monroe, N. Y.
Wenger, Marian	West Liberty, W. Va.
Wilkins, Edward Reed	Millsboro, Delaware
Wiley, Patricia Jane	3537 Orchard Street, Weirton, W. Va.
Wolfe, Robert Lee	R. F. D. No. 1, Wheeling, W. Va.
Zdinak, Edward G.	615 Parkview Avenue, Pittsburgh, Pa.
Zucchelli, Renato	Box 113, Yatesboro, Pa.

FRESHMEN

Acker, Barbara Jean	3531 Eoff Street, Wheeling, W. Va.
Alderton, George Alfred	20200 Briarcliff Avenue, Detroit, Mich.
Allison, Ernest E.	574 Melville Street, Rochester 9, N. Y.
Anderson, Grace Eleanore	46 Kenzel Avenue, Nutley 10, N. J.
Anderson, Robert Bertram	2143 West Market Street, Warren, Ohio
Aull, Jean Rex	403 Union Avenue, Pittsburgh 5, Pa.

Austin, Walter Graham	12 Edgecliff Road, Carnegie, Pa.
Babcock, Davis J.	3322 Olyphant Avenue, Scranton, Pa.
Bach, Myrna Jean	213 Buena Vista, Steubenville, Ohio
Barkley, Jane Pauline	150 South Spring Street, Blairsville, Pa.
Barrett, Donald Eugene	626 Park Street, Marion, Ohio
Beadle, George Thomas	435 West Eighth Street, East Liverpool, Ohio
Becker, Robert Edward, Jr.	131-66 225th Street, Laurelton, L. I., N. Y.
Beisel, Eugene DeWaine	56 South Harrison Avenue, Bellvue, Pa.
Bethel, James Herman	Richmond, Ohio
Bezecnnyj, Swetlana J.	Ukraine, Russia
Bier, Arthur Kenneth	Eighty-four, Pa.
Biondo, Mildred Marie	151 West Sumner Avenue, Roselle Park, N. J.
Bitner, Patricia Anderson	270 Thompson Shore Road, Manhasset, N. Y.
Black, Maurice Wilbur	106 South Market Street, Carmichaels, Pa.
Bogelmann, Jean Irene	103 Clendenny Avenue, Jersey City, N. J.
Booher, William Thurlow	Brinker Road, Wellsburg, W. Va.
Boord, Cecil Ronald	399 National Road, Wheeling, W. Va.
Bouley, Donald W.	4 Ravenswood Terrace, Buffalo, N. Y.
Brehm, Evelyn Yvonne	R. F. D. No. 2, Box 478, Washington, Pa.
Brown, Barbara Lee	Box 215, Bethany, W. Va.
Bushok, William Joseph	182 Coffey Street, Uniontown, Pa.
Bushon, George Brinton	101 Grant Avenue, Wheeling, W. Va.
Calliccoat, Ann Blythe	829 Spring Road, Charleston 4, W. Va.
Carbine, William George	149-25 15 Road, Whitestone, L. I., N. Y.
Carlen, Theodore May	167 West Steuben Street, Crafton, Pa.
Carpenter, Annie Elizabeth	1122 Main Street, Wellsburg, W. Va.
Carydes, John Peter	30-41 31st Street, Astoria, L. I., N. Y.
Chambers, William Lamont	Box 175, Bethany, W. Va.
Chandler, John Rual	3903 Fifth Avenue, Huntington, W. Va.
Chaney, James K.	Box 303, Steubenville, Ohio
Chiavetta, Gene	910 Hummel Avenue, Lemoyne, Pa.
Connolly, Jean Barbara	83 Hazelton Terrace, Tenaflly, N. J.
Cook, Barbara Lee	42-19 205th Street, Bayside, L. I., N. Y.
Costello, Pauline Ellen	120 Bourndale Road North, Manhasset, N. Y.
Crawford, Thelma Mae	219 Fallowfield Avenue, Charleroi, Pa.
Dailey, John Kenneth	42 Heiskell Avenue, Wheeling, W. Va.
Dallas, John C.	Leatherwood Lane, Wheeling, W. Va.
Davis, Francis Edwin	R. F. D. No. 4, Bellaire, Ohio
DeMartino, Laura	43 North Reid Street, Elizabeth N. J.
Di Giacinto, Joseph Paul	613 Main Street, Follansbee, W. Va.
Doak, John Reginald	42 Oakland Avenue, Wheeling, W. Va.
Donati, Mary Madelyn	R. F. D. No. 2, Burgettstown, Pa.
Doyle, Rose Marie	251 Cochran Road, Pittsburgh 16, Pa.
Dunlap, Thomas Wayne	R. F. D. No. 2, Bellaire, Ohio
Duthie, Alexander Arthur	99 Sussex Road, Tenaflly, N. J.
Eckberg, Shirley Ann	331 Herrick Avenue, Teaneck, N. J.
Edwards, Richard C.	Beech Bottom, W. Va.
Ericson, Herbert, Jr.	625 Beach 66th Street, Arverne, N. Y.
Evces, John C.	505 Oakland Avenue, East Liverpool, Ohio
Fabrizio, Alfred B.	5709 Sixth Avenue, Brooklyn, N. Y.
Fahey, John Henry	1236 Elmhurst Drive, Weirton, W. Va.
Field, Ronald Thomas	1604 Ohio Avenue, McKeesport, Pa.
Fischer, John Arnold	113 North Eighth Street, Martins Ferry, Ohio
Fogg, Stephen Minot	319 Washington Street, Westfield, N. J.
Franklin, Norman	53 Haddale Avenue, Wheeling, W. Va.
Freeland, Barbara Jean	2057 Westover Road, Columbus 12, Ohio
Freeman, Louis Bryant	49 Hillside Avenue, Madison, N. J.

Friedman, Herbert Jay	233 Wilson Avenue, Uniontown, Pa.
Garcy, Gerald Manuel	Fifth Avenue, Tangeloth, Pa.
Germon, Ruth Esther	R. F. D. No. 1, Wellsburg, W. Va.
Girone, Anthony John	944 Main Street, Wellsburg, W. Va.
Goduti, Fred C.	193 Roseland Avenue, Essex Fells, N. J.
Graff, Olive Katherine	R. F. D. No. 1, Monongahela, Pa.
Griffiths, Raymond Edward	1523 Wyoming Avenue, East Liverpool, Ohio
Grout, Robert Harvey	27 Chateau Terrace, Snyder, N. Y.
Hagerty, Eldon Eugene	R. F. D. No. 3, New Castle, Ind.
Hagy, William Lee	R. F. D. No. 3, Wellsburg, W. Va.
Hedding, Norma Jeanne	212 Franklin Avenue, Vandergrift, Pa.
Heilman, Emerson Howard	518 Esther Avenue, New Kensington, Pa.
Hendry, Douglas Edward	214-25 26th Avenue, Bayside, L. I., N. Y.
Henecker, John Douglas	347 Morrison Drive, Pittsburgh 16, Pa.
Hill, Margaret Nickerson	1 Kent Circle, Gloucester, Mass.
Hissom, Thomas Hertzler	3053 Bergman Street, Pittsburgh 4, Pa.
Hite, JoAnn Olive	2800 Sixth Avenue, Parkersburg, W. Va.
Hodson, Robert Francis	
	26 Newington Road, Kingsthorpe, Northampton, England
Horner, Jacqueline Geneva	Stevensville, Maryland
Hunter, James Finlay	1932 Ardmore Boulevard, Pittsburgh 21, Pa.
Irvin, Howard Russell	95 Tenth Street, Wellsburg, W. Va.
Jones, Marjorie Alice	340 King Street, Port Chester, N. Y.
Josephson, Alan Martin	825 Gerard Avenue, Bronx 51, N. Y.
Kakuk, Edward Paul	1359 Fourth Avenue, Arnold, Pa.
Karr, Charles Donald	128 Fountain Avenue, Pittsburgh 5, Pa.
Kelley, Mona Ruth	432 Clokey Avenue, Pittsburgh 16, Pa.
Kelley, Richard W.	432 Clokey Avenue, Pittsburgh 16, Pa.
Kemp, Edward L., Jr.	R. F. D. No. 1, Box 288, Clairton, Pa.
Kendall, Barbara	22 Matheron Avenue, Baldwin, N. Y.
Kennedy, Mary Ellen	620 Penn Avenue, New Brighton, Pa.
Knight, Judith Lee	Bethany, W. Va.
Knispel, Eugene Victor	Washington Place, Patchogue, N. Y.
Kolb, Audrey Erma	198 Berg Avenue, Trenton, N. J.
Kopf, Frederick M.	7909 154th Street, Flushing, N. Y.
LaBella, Anita Joanne	Old County Road, Demarest, N. J.
Landwehr, Gerald Paul	4554 Turney Road, Cleveland, Ohio
Lash, Shirley Ann	503 Hazlett Avenue, Wheeling, W. Va.
Lazasz, Henry Louis	Buckeye Street, Tiltonsville, Ohio
LeMaster, Grant Coleman	5055 Milwaukee Street, Denver, Colo.
Levick, Lois E.	Box 704, West Brownsville, Pa.
Levy, Joel Victor	1694 Nostrand Avenue, Brooklyn, N. Y.
Liberati, Vera Elizabeth	952 Tropical Avenue, Pittsburgh 16, Pa.
Lindeman, Elizabeth Louella	715 Wilkins Street, Steubenville, Ohio
Lindsley, Thomas Frederick	47 Westfield Avenue, Depew, N. Y.
Litten, Judith Ann	306 Anawanda Avenue, Pittsburgh 34, Pa.
Lockwood, Edward Joseph	Kromer Avenue, Berwyn, Pa.
Lychkoff, Ruth Ann	711 Woodward Avenue, McKees Rocks, Pa.
Marshall, Millicent Anne	11407 Auburndale, Plymouth, Mich.
Max, Arnold Ellis	2567 Atlantic Avenue, Brooklyn, N. Y.
McClay, William Allen	64 Downer Avenue, Uniontown, Pa.
McClennan, George T.	311 Winthrop Road, West Englewood, N. J.
McGregor, Diane Keith	12 Keith Avenue, Brockton, Mass.
McGuinness, Sheila Yolando	149-24 17th Avenue, Whitestone, N. Y.
McKay, David Reid	101 North Mulberry Street, Mount Vernon, Ohio
McPherson, George Edward	43 Haddale Avenue, Wheeling, W. Va.
Megas, Betty Panayiota	261 Sherman Avenue, Vandergrift, Pa.

Melott, Robert Nelson	508 Virginia Avenue, Chester, W. Va.
Miller, James Calvin	500 Highland Avenue, Cheswick, Pa.
Miller, Leonard Robert	3505 Decatur Avenue, New York 67, N. Y.
Mitchell, Nancy Ann	214 East Street, Beckley, W. Va.
Montgomery, June	710 East Broad Street, Westfield, N. J.
Moore, William Herbert, Jr.	425 Dawson Avenue, Bellevue, Pa.
Morris, Diane	100 Academy Avenue, Pittsburgh, Pa.
Myers, Robert E.	R. F. D. No. 3, Barnesville, Ohio
Nanney, Lawrence Joseph	Rock Hill Pike, Bellaire, Ohio
Nelson, Elizabeth Jane	Danville, W. Va.
Neunzig, Elise	44 Roosevelt Boulevard, Madison, N. J.
Newman, Jacqueline Marie	Doolin Route, New Martinsville, W. Va.
Obrecht, Adriene Marie	52-28 Leith Place, Little Neck, N. Y.
O'Shea, William George	571 58th Street, Brooklyn 20, N. Y.
Palmer, Thomas J.	1704 Eleventh Street, N. E., Massillon, Ohio
Papson, Costa Leonidas	79 Village Road, Manhasset, N. Y.
Parker, Robert Wayne	Salem, Kentucky
Peterson, M. Diane	Denbo, Pa.
Phippon, William Robert	79 Peterson Place, Lynbrook, N. Y.
Pierro, Thomas Matt	Hiller, Pa.
Proctor, Nancy Jean	44 Chestnut Road, Verona, N. J.
Rea, Donald E.	1154 Pennsylvania Avenue, East Liverpool, Ohio
Renner, Daniel S.	1259 Oakridge Drive, Cleveland, Ohio
Richardson, Kenneth T., Jr.	R. F. D. No. 2, Cannonsburg, Pa.
Russell, George Morris	17 Station Street, Carnegie, Pa.
Sandercox, Robert Allen	177 Marhofer Avenue, Stow, Ohio
Sandmeier, Paul John	203-14 104th Avenue, Hollis, L. I., N. Y.
Saylor, Doris Marie	Box 188, Hibbs, Pa.
Schaffner, James R.	21 Herron Avenue, Emsworth, Pa.
Schinnagel, Robert Richard	10 Field Place, Baldwin, N. Y.
Schulz, Richard H.	596 Manville Road, Pleasantville, N. Y.
Scott, Carl Chauncey	Scio, Ohio
Sicher, Bruno Pio	R. F. D. No. 2, Bridgeville, Pa.
Stone, Dwight	Perryopolis, Pa.
Simpson, Patsy Ruth	316 Westinghouse Avenue, Wilmerding, Pa.
Smith, James Patrick	8131 North Greenwood Avenue, Hammond, Ind.
Smith, Joseph James	Old Washington Road, R. F. D. No. 2, Bridgeville, Pa.
Specht, Merrill L.	5412 55th Place, East Riverdale, Md.
Spino, Peter Anthony	408 Wood Street, Greensburg, Pa.
Stealey, Nancy Belle	1102 19th Street, Parkersburg, W. Va.
Steinman, Paul Dean	3440 Chapline Street, Wheeling, W. Va.
Stephens, Mary	3433 West Street, Weirton, W. Va.
Stine, Robert Lee	Middlebourne, W. Va.
Stoviak, James Leland	Box 146, Coraopolis, Pa.
Sumpstine, Patricia Jean	Bethany, W. Va.
Taylor, James Edward	Box 153, Republic, Pa.
Taylor, Marta Suzanne	215 Beverley Road, Pittsburgh 16, Pa.
Thomas, James Matthew	R. F. D. No. 3, Mahan's Lane, Wellsburg, W. Va.
Thompson, Avis Lorraine	211 Eighth Street, Blawnox, Pa.
Thompson, Ronald Layton	1128 Berkshire Avenue, Pittsburgh 26, Pa.
Thompson, Ruth Heinz	107 West Woodford Avenue, Pittsburgh 10, Pa.
Thursby, Marilyn Jean	182 South Linwood Avenue, Pittsburgh 5, Pa.
Thyben, Muriel Agnes	133 Scarcliffe Drive, Malverne, N. Y.
Tilock, Fred Herbert	1370 Second Street, Lorain, Ohio
Tschappat, Chalmer	R. F. D. No. 4, Box 330, Bellaire, Ohio
VanHorne, Robert George	260 Center Avenue, Pittsburgh 2, Pa.

Vernon, Wanda Jo	3649 Brightway, Weirton, W. Va.
Vlahos, Zachary L.	2935 Pioneer Avenue, Pittsburgh 26, Pa.
vonHirsch, Fritz A.	233 Whitford Avenue, Nutley, N. J.
Warner, Donna Ruth	Riley Hill Road, Wheeling, W. Va.
Wells, Nancy Jane	1717 Main Street Wellsburg, W. Va.
Wheatley, John Eugene	524 Jefferson Avenue, Newell, W. Va.
Willson, George Larimar	2114 Braddock Avenue, Swissville, Pa.
Wilson, Lucius Hoge, Jr.	Park View Lane, Elm Grove, W. Va.
Woodard, Paul Elon	3020 Francis Avenue, Des Moines, Iowa
Yaw, Nancy Jane	Willardshire Road, East Aurora, N. Y.

UNCLASSIFIED STUDENTS

Angelopoulos, John G.	Zoziano-Dozidos, Greece
Barnwell, Mary	46 Pond Road, Great Neck, L. I., N. Y.
Bluem, Janet S.	Cochran Apartment, Bethany, W. Va.
Bodard, Jean Claude	9 Rue Flechier, Clermont Ferrand, France
Burghard, Delores	236 Oliver Street, N. Tonawanda, N. Y.
Burwell, James B.	Box 123, Claysville, Pa.
Ferris, William N.	2294 Crawford, Niagara Falls, Canada
Goodin, Charles	Washington Pike, Wellsburg, W. Va.
Hadjiapostolou, Matina	Patron Germarron 2, Thessaloniki, Greece
Hilker, Gabriele	26 Leberberg, Wiesbaden, Hesse, Germany
Izenson, Fred	1309 Overlook Drive, Weirton, W. Va.
Kalamotoussakis, Theodore J.	Vassilikari, Greece
Kennedy, Shirley A.	4574 Noble Street, Bellaire, Ohio
Legatos, Nicholas	Lexourion-Cephallonia, Greece
Mahaffey, Pearl	Bethany, W. Va.
Mayer, Dan	814 Washington Street, Martins Ferry, Ohio
Milicevic, Olga A.	4615 Harrison Street, Bellaire, Ohio
Papaphilippou, Demetrios P.	Addis Ababa, Ethiopia
Patterson, Sara J.	Bethany, W. Va.
Richardson, Dolores Cooke	Box 550, Brilliant, Ohio
Rose, Carolyn Ward	1401 Fulton Avenue, Hannibal, Mo.
Shaw, Lucile B.	Bethany, W. Va.
Silcock, Phillip	12 East Main Street, Carnegie, Pa.
Sneary, Phillis W.	Point Breeze, Bethany, W. Va.
Steele, William A., Jr.	1807 Hamilton Place, Steubenville, Ohio
Thomas, Marylou	4745 Jefferson Street, Bellaire, Ohio
Valanos, Anastasios	10 Amynta Salonika, Greece
Weimer, Margaret	Bethany, W. Va.
Williams, Elizabeth G.	15328 Stabelin, Detroit, Mich.

ACADEMIC YEAR

1950-1951

ENROLLMENT BY CLASSES

	Men	Women	Total
Senior	98	49	147
Junior	64	41	105
Sophomore	96	56	152
Freshman	115	69	184
Unclassified	13	16	29
Total	386	231	617

ENROLLMENT BY STATES AND FOREIGN COUNTRIES

California	2
Canada	1
Colorado	1
Connecticut	7
Delaware	1
England	1
Ethiopia	1
France	1
Georgia	1
Germany	2
Greece	5
Illinois	1
Indiana	6
Iowa	1
Kentucky	2
Maine	1
Maryland	5
Massachusetts	10
Michigan	6
Missouri	4
New Jersey	81
New York	100
Ohio	62
Pennsylvania	174
Tennessee	1
Texas	1
Vermont	1
Virginia	1
West Virginia	137
Total	617

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BEQUESTS

Gifts to the college may take the form of lectureships, of scholarships, of professorships, of additions to the material equipment, or of contributions to the permanent endowment fund or the current expense fund of the college. Special conditions may, of course, be attached to any gift. Forms of bequests are suggested as follows:

A. UNRESTRICTED BEQUEST

I give, devise, and bequeath to the Trustees of the Bethany College, a corporation established by law at Bethany in the State of West Virginia, the sum of _____dollars, to be applied to the general uses and purposes of the said institution.

B. UNRESTRICTED BEQUEST MAKING THE COLLEGE RESIDUARY LEGATEE

All the rest, residue, and remainder of any estate, real and personal, I devise and bequeath to the Trustees of the Bethany College, a corporation established by law at Bethany in the State of West Virginia, to be applied to the general uses and purposes of the said institution.

C. BEQUEST FOR ENDOWMENT

I give, devise, and bequeath to the Trustees of the Bethany College, a corporation established by law at Bethany in the State of West Virginia, the sum of _____dollars to be invested and preserved inviolably for the endowment of Bethany College.

BETHANY COLLEGE is a privately governed college of the liberal arts and sciences. It is dedicated to high scholarship and Christian character. It derives its income from endowments, the gifts of its friends, and from student fees. It is not a tax-supported institution. It depends upon the support of those who believe in its program.

Opportunities in great variety confront those who would like to associate themselves with the good work of this college. There is need for large additions to the unrestricted endowment, for scholarships, for lectureships, and for endowed professorships. There is need for additional dormitories for men and women.

W. H. CRAMBLET, *President*

September 1951



BETHANY COLLEGE BULLETIN

BETHANY - WEST VIRGINIA
1952 - 1953



Entry to Old Main



Oglebay Gates



Carnegie Library

BETHANY COLLEGE
Bethany, W. Va.

CATALOGUE NUMBER

1952-1953

The One Hundred and Twelfth Academic Year

CHARTERED MARCH 2, 1840 BY THE ASSEMBLY OF VIRGINIA

CORRESPONDENCE DIRECTORY

To avoid delay, correspondence should be addressed as indicated below:

Admissions, everything concerned with the admission of students, requests for the college catalogue and other publications, and information about rooms, tuition and other fees prior to enrollment, address
The Director of Admissions

General information and matters of general college interest and development, address
The President

The welfare of students, academic records, guidance, counseling, placement, financial aids, address
The Dean of Students

Curriculum, instruction, faculty concerns, address
The Dean of the Faculty

Transaction of business in connection with student accounts, deferred payments, purchases, address
The Business Manager

Alumni interests and activities, address
The Alumni Secretary

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Aims

Bethany College aims to assist its students in their preparation for intelligent and creative participation in contemporary living, and to direct them toward attainment of standards of excellence in scholarship, culture, and conduct.

In connection with a study to evaluate the present program and future undertakings of the College, the Faculty listed as representative of the more particular aims of the College the following:

- (1) To impart basic knowledge in various subject matter fields.
- (2) To establish sound habits of study and critical thought.
- (3) To provide opportunity for the development of health, physical fitness, good taste, poise, and courtesy.
- (4) To stimulate appreciation for the institutions and cultural contributions of mankind.
- (5) To develop social awareness and a fellow feeling for all nations and races.
- (6) To encourage creative self-expression in speaking, writing and the fine arts.
- (7) To enable the student to concentrate in an area of interest leading toward a career in one particular field.

The College undertakes to provide higher education in an atmosphere of Christian ideals and Christian faith and to develop the moral character and religious life of its students.

The College

HISTORY

The first educational venture undertaken in the vicinity of what is now Bethany was inaugurated in 1818 by Alexander Campbell in his own home. He was assisted in this undertaking by his father, Thomas Campbell, who had been a preacher and a teacher in Ireland for twenty years before coming to Western Pennsylvania in 1808. Buffalo Seminary, as it was called, was closed in 1823 and the Campbells turned their attention to other concerns. Both men were engaged in advocating a return to the teachings and practices of the Apostolic Church as a practical basis for Christian unity. Though busily engaged as preacher, as editor and publisher, as debator in defense of his religious beliefs, as representative of his section of western Virginia in the Constitutional Convention at Richmond in 1829, and as a successful and prosperous farmer, Alexander Campbell never lost his interest in education.

In 1839 he announced his plan for "A New Institution" in which the College was to be the third stage of a sweeping program for the complete education of the individual. Convinced that the formation of moral character should be the chief goal in education, and perceiving the deficiency of trained teachers and preachers, he decided to devote his own abilities and resources to such training as a college would afford. Throughout the rest of his life, the College was chief among his various concerns and interests.

On March 2, 1840, by act of the Assembly of Virginia, there was granted to the Trustees of Bethany College a charter which authorized the establishment of Bethany College as "a seminary of learning for the instruction of youth in the various branches of science and literature, the useful arts, agriculture, and the learned and foreign languages".

The trustees of the college named Alexander Campbell as its first president and directed him to secure a faculty and to formulate a plan of instruction for the institution. They had strong convictions that the spirit of the institution should be altogether non-sectarian, and at a special meeting of the Board held in Bethany the day before the first students were to enroll at Bethany College they took the following action:

"That Thomas Campbell be requested (in the absence of the President) to attend to the morning worship and prayer and the moral and religious instruction of the students, and that in the religious instructions of the youths in this college no sectarian or denominational doctrines are to be imparted."

Nevertheless, they were equally convinced of the necessity for an undergirding of moral instruction, and the Bible was made a textbook for class instruction.

On October 21, 1841, the first academic session of the college opened with one hundred and two students in attendance from nine states, an indication of the prestige and influence of the founder of the new institution. The first faculty consisted of Mr. Campbell and four others, two of whom were to be identified with the College for many years. Robert Richardson, Professor of Natural Science and physician for the college community, was co-editor with Mr. Campbell in many of his publishing ventures and became the author of a two-volume biography of Alexander Campbell. William K. Pendleton, Professor of Natural Philosophy and Physical Science, became the second president of the College following the death of Mr. Campbell in 1866, which office he held till 1887.

The faculty of the College envisaged a college of great usefulness for the training of thoughtful leadership in business and the professions as well as the church. They set for the College a fine tradition of liberal scholarship and standards of excellence in accomplishment and personal living. Since its early days, the College has undertaken to give training for professional and public service, and to stand for scholarly work in the liberal arts and sciences.

While women were not regularly admitted to the College in 1881, today they number about forty per cent of the student body.

In the twentieth century, under the able leadership of Thomas E. Cramblet, Cloyd Goodnight and Wilbur H. Cramblet, the college has had a steady growth in size, facilities, endowment, scope of instruction, and academic recognition.

LOCATION

Bethany College is located in the village of Bethany, an incorporated town in the northern panhandle of West Virginia. It is seven miles southeast of Wellsburg, the county seat of Brooke County, on West Virginia Route 67, and fifteen miles northeast of Wheeling on West Virginia Route 88. It is forty-five miles southwest of Pittsburgh, Pennsylvania and may be reached by auto from that city by Pennsylvania Route 28 and West Virginia Route 88 or by U. S. Route 19 to Washington, Pennsylvania and Pennsylvania Route 31 and West Virginia Route 88.

Frequent bus service between Wellsburg and Bethany connects with service north and south from Wellsburg on West Virginia Route 2 to Steubenville, Ohio and Wheeling, West Virginia.

Bethany is reached by trains on the Pennsylvania Railroad to Steubenville, Ohio and then by bus to Wellsburg and Bethany or by the Baltimore and Ohio Railroad to Wheeling and thence by bus to Wellsburg and Bethany. Through Pullman service to Wellsburg is available from New York City via the Pennsylvania Railroad on the Wheeling Sleeper.

Good connections and facilities for air travel are available to the Wheeling Airport which is ten miles from the College. All American Airways, Capital Airlines, and Trans World Airlines provide convenient service to Wheeling Airport from all parts of the country.

ACCREDITING AND MEMBERSHIP

Bethany College has been fully approved by regional and national accrediting agencies for many years. Originally a member of the Southern Association of Colleges and Secondary Schools, it has been a member of the North Central Association of Colleges and Secondary Schools ever since that Association accepted jurisdiction over educational institutions in West Virginia. For more than twenty years Bethany appeared on the list of institutions approved by the Association of American Universities and was on the last list published by the Association. It is an associate member of the Association of American University Women and graduates of the College are eligible for membership in the association. *

Bethany College is recognized by the Departments of Education of West Virginia and other states as an institution for the training of elementary and secondary teachers.

Bethany College is a member of the Association of American Colleges, the American Council of Education and is affiliated with the Board of Higher Education of the Disciples of Christ.

CHRISTIAN PURPOSE

Bethany College is a Christian college concerned with the development of Christian ideals and purposes. The total educational program of the college is presented in the light of the Christian heritage and against the background of a rich and lengthening tradition of Christian service.

The College aims to conserve, create, and deepen the Christian character of its students and to make students aware of the rich tradition of Christendom, especially in Biblical Literature.

Specific ways in which this point of view is made a part of the student experience are indicated in the section of this catalogue on Student Organizations and Activities. Every effort is made to make the moral and religious life of the college community as helpful as possible.

Facilities

CAMPUS

The college campus, of some sixty acres, is located within the corporate limits of the town of Bethany. On the crest of the hill overlooking the town the academic buildings, the library, the main dormitory for women, the women's gymnasium, the president's house, and some housing units are located. On the east slope of the main campus are the student center, the infirmary, the dormitory for upperclass women, and the dormitory for freshmen men. The western part of the campus contains the field house and recreational areas for both men and women.

The college lands include about thirteen hundred acres of farm and timber land adjacent to the campus area and available for use by the students. These include the Alexander Campbell Farm, the Point Breeze Farm, the Parkinson Oaks, the Parkinson Woods and other properties. Nature trails and picnic areas have been developed in these tracts. Camp Wilkin, a camping area operated by the Fort Steuben Council of the Boy Scouts of America is located on the Parkinson tracts.

BUILDINGS

Old Main, the central unit of the academic buildings of the College, was built in 1858 to replace the original building which had been destroyed by fire the previous year. The Tower at the center of this building dominates the campus and the town and is the chief architectural feature noted as one approaches the College. This building contains certain of the offices of the College and classrooms for most of the departments of instruction.

Commencement Hall forms the southern unit of the academic group. It was part of the building as planned in 1858 but was not completed until 1872. This building was completely modernized in 1924 and provides the setting for chapels, convocations, concerts, dramatic presentations and other gatherings of a general nature. Studios and classrooms for the Department of Music are located on the ground floor of this building.

Oglebay Hall, the northern unit of the academic group, dedicated in 1912, bears the name of the donor, the late Earl W. Oglebay of the class of 1869. It replaced the original structure built in 1858 and known as Society Hall. The building accommodates the Departments of Chemistry and Biology, special research laboratories, and the offices of the President and Dean of the Faculty.

The Carnegie Library stands on the crest of the hill south of Commencement Hall. This building, built in 1908, was a gift to the College by Mr. Andrew Carnegie.

The Irvin Gymnasium was a gift to the College, in 1919, of members of the Irvin family of Big Run, Pennsylvania. It was the physical education center for all members of the student body until 1948. Since that time it has served as the center of physical education for women. The swimming pool in this building is used by both men and women. The women's athletic field and recreational facilities are adjacent to this building.

Phillips Hall is the central building for women students. This modern dormitory was built in 1929 and replaces the original Phillips Hall which was a gift of Mr. Thomas W. Phillips in 1890. In addition to dormitory accommodations, it contains the dining room for women, drawing room, loggias, guest rooms and accommodations for administrative personnel.

Cochran Hall was a gift to the College in 1910 by Mr. Mark M. Cochran of the class of 1875 as a memorial to his son Percy B. Cochran of the class of 1900. This building was modernized and refurnished in 1946.

The Bethany House was completed in 1948 as a student center and dining hall for men. It is located at the lower entrance to the campus. The lower floor, designated as the Bee Hive, provides an informal social center with juke box, television, ping pong tables, snack bar, and the book store. This area is operated by the College Stores for the convenience of the students. The middle floor contains rooms for club meetings, private group dinners, etc. The upper floor is the dining room area for men students.

Gateway Hall is located near the upper gates to the campus. It is an attractive and homelike dormitory for upperclass women.

The Alumni Field House, built in 1948, provides physical education facilities for men. The main room is 120' by 140' with a basketball floor 80' by 96' and will accommodate two thousand spectators at athletic contests. This building was built by gifts from alumni, former students and friends of the college.

The Rine Recreation Fields are being developed as a memorial to Mr. Edwin M. Rine, friend and benefactor of the College. The Rine Fields are adjacent to the Alumni Field House and include regulation football and baseball fields, a quarter mile cinder track and an athletic field for use of college women.

Pendleton Heights, situated on the north side of the main campus, was built in 1841 by William K. Pendleton, a member of the first faculty and second president of the College. It was acquired by the College in 1889 and used as a dormitory until 1901. Since that time it has been used as the home of the President of the College.

Town House is operated by the College as a dormitory for upperclass men.

The Infirmary is located on Main Street opposite the Bethany House. It contains the office of the College Physician, treatment and examination rooms, and wards for men and women.

Fraternity Houses. Four national fraternities for women and five national fraternities for men operate houses in Bethany and provide dormitory and social facilities for their members. All students of the College are expected to board in the College dining halls.

Supplementary Housing Units. Additional housing accommodations for men are provided by several supplementary housing units located on the main campus.

Cochran Heating Plant furnishes heat to all buildings on the main campus. It was a gift of Mr. Mark M. Cochran in 1910.

Faculty Office Building was erected north of Oglebay Hall and given to the College in 1947. Of semi-permanent construction, it provides offices and seminar rooms. The art studio is located on the first floor.

The Outdoor Chapel located at the north end of the campus is used for Commencement Exercises and other appropriate gatherings. This area was developed in cooperation with church groups in Pennsylvania and West Virginia for use at vesper services at young people's summer conferences.

LIBRARY

The College library, containing approximately 51,000 volumes of carefully selected books and periodicals occupies a central place in the Bethany life of every student. Supplementary services include microfilm files, microcards, readers, linguaphone recordings, recordings for work in speech and literature, a circulating art collection, and a music library of recorded albums of symphonies, concertos and operas.

The library receives approximately 350 periodicals, covering subject fields offered by the College, and including fifteen metropolitan dailies and several foreign language papers.

Through a program instituted by the Carnegie Library of Pittsburgh, the Carnegie Institute of Technology, and the University of Pittsburgh, all the facilities of these libraries and twelve cooperating colleges in Western Pennsylvania are available to students and faculty.

Several personal libraries and collections have been received by the College and have been made a part of the College library. The principal parts of the libraries of Alexander Campbell, Robert Richardson, Miss A. C. Pendleton, Archibald McLean, W. S. Priest, Levi Marshall, Miss Mary I. Nichols, R. H. Wynne, Cloyd Goodnight, M. M. Cochran, Mrs. Anna Ruth Bourne, Clarence A.

Hanna, Miss Florence M. Hoagland, E. Lee Perry, Galen C. Hartman and Franklin T. Baker are among these.

Valuable early literature of the Disciples of Christ has come from Samuel Lindsay, Buffalo, New York; from Rev. W. S. Good of Youngstown, Ohio; from Miss Ellen Thomas of Augusta, Georgia; from Rev. Ben S. Ferral of Buffalo, New York, and others. Material related to the Disciples of Christ, together with papers and publications of historical importance to Bethany College, have been brought together in the Alexander Campbell Room located on the third floor of the library.

Special funds have been established by Anna Ruth Bourne, and Galin Campbell Hartman, the income of which is designated for use in purchasing books for the collections.

LABORATORIES

The biology laboratories and seminar room, located in Oglebay Hall, provide instructional equipment for courses in general biology, plant morphology and physiology, bacteriology, comparative anatomy, embryology and histology. Special laboratories and facilities are available for advanced students conducting independent studies.

Laboratories of the Department of Chemistry occupy the second and third floors of Oglebay Hall. They consist of a general laboratory, an analytical laboratory, and a laboratory for organic and physical chemistry. There are also two minor research laboratories, a spectroscopic laboratory, chemical storerooms, and a small machine shop. Special laboratories and facilities are available for advanced students conducting independent research. The balance room equipped with chain balances is furnished and maintained by the Hammond Bag and Paper Company.

The laboratories in the Department of Physics are on the first floor of the Main Building. Laboratories for elementary and advanced courses are available. The College possesses apparatus for work in the fields of radio, electronics, astronomy, spectroscopy and radioactivity, and is licensed to operate short-wave radio station W8PME.

The laboratory of the Department of Psychology is located in the Main Building, adjoining the psychology lecture rooms. Equipment is available for work in experimental psychology, mental measurements, and some phases of applied psychology.

MUSIC

The studios and practice rooms of the Department of Music include modern sound equipment in addition to pianos and a two-manual Teller-Kent pipe organ. The pipe organ in the Bethany Memorial Church is also available to students of music.

DRAMATICS

The theatre workshop is located in Old Main, adjacent to Commencement Hall. It provides the facilities and opportunities for student casting, directing and play production.

RADIO AND SPEECH

The radio work shop, located on the lower floor of Old Main, provides facilities for rehearsal, recording, transcription and broadcasting by individuals and groups.

RESOURCES

The gross assets of Bethany College at the end of the fiscal year in June, 1952, total \$5,575,309. In the assets, Endowment Funds are listed at a book value of \$3,123,018 and College Plant and Equipment is listed at a cost value of \$2,298,573. Other assets include loan funds, agency funds and miscellaneous items.

The College recognizes, with appreciation, the gifts of funds which not only provide lasting memorials for individuals and families but also make possible the program of a private college of quality.

The expenses of the College are met only in part by payments of students. The balance is provided by income from endowment funds and by gifts. The private college depends upon the continued support of those who believe in its program.

The Named Endowment Funds of the College include the following:

M. M. Cochran Endowment of President's Chair	\$100,000
M. M. Cochran General Endowment	500,000
M. M. Cochran Endowment of 1923	335,768
M. M. Cochran Special Trusts	846,880
T. W. Phillips, Sr., Chair of Old Testament	30,000
Sarah B. Cochran Chair of Philosophy	25,000
Moninger Memorial Bible Chair	24,980
George T. Oliver Chair of History	50,000
R. A. Long Chair of Mathematics	50,000
T. W. Phillips, Jr., Endowment	59,277
Anna Louise Helwig Endowment	33,557
Men and Millions Endowment	66,150
Robert MacDougald Endowment	9,210
E. M. Rine Trust (to date)	343,039
Wilson Beall Memorial Fund	20,000
Anna Ruth Bourne Library Fund	12,749
Galen Campbell Hartman Library Fund (to date)	15,500

The Gans Fund for Research in Science	\$ 50,000
Miscellaneous General Endowments	264,424

Named Funds for Scholarship and Student Aid purposes include: (See Section on Scholarships and Financial Aids).

Mary A. Morrison Scholarship	\$ 1,000
Isaac Mills Scholarship	1,000
G. A. Willett Scholarship	4,000
Isaac Brown Scholarship	750
Albert C. Israel Scholarship	500
Jennie Irvin Hayes Scholarship	5,000
Ida Mae Irvin Scholarship	5,000
Herbert Moninger Scholarship	2,500
Josiah Wilson Scholarship	2,500
John H. and Ida H. King Fund	17,000
Minnie W. Schaefer Fund	8,000
John T. Smith Fund	17,000
William Kimbrough Pendleton Fund	20,000
Z. T. Vinson Memorial Fund	1,600
Florence M. Hoagland Memorial Scholarship	5,100
E. Lee Perry Scholarship Fund	11,900
William H. Vodrey Scholarship	11,500
Arthur C. Stifel Scholarship	4,400

The total gift value of endowments is \$2,956,074.

The Bethany Program

The dominant tone in the instructional activities at Bethany College is an emphasis upon the common adventure of students and instructors in learning and living. The college experience is interwoven with opportunities for exchanging ideas, for giving and absorbing inspiration, and for all kinds of cordial faculty-student relationships. The instructional and guidance plan of the College makes it possible for teachers to work with students as individuals and to make allowances for differences in experience, attitudes and interests.

STUDENT GUIDANCE

Bethany College recognizes the need of giving its entering students an introduction to their work in new surroundings, and requires freshmen to come to the campus several days before the formal registration of other students. Orientation and evaluation days are devoted to efforts to introduce the students to the College and, at the same time, to introduce the college to the students.

Freshman orientation and evaluation activities include placement and achievement tests, which enable the faculty counselors to place the student in the classes for which he is best fitted, and also to counsel with him better on the basis of more individual information.

From the beginning of his college career each student has a Faculty Counselor. After the freshman year the Counselor is normally a faculty member whose special academic interests approximate those of the student. The student has unusual opportunities to be in frequent contact with his Counselor, and reports of accomplishment and difficulties can be made directly to him.

The student-counselor relationship, concerned with the student's personal and educational development, occupies a significant place in the college plan. So far as possible it replaces detailed faculty regulations with an individualized program aiming at continuity and personal attention. These counselors, while ministering to all the needs of the student, have as their most important function the interpretation and presentation of valid educational objectives.

The Faculty Counselor is concerned with the student's selection of courses, his academic progress, standards of conduct, vocational plans and objectives, and recreational and social expression.

The chief officer in charge of student guidance, student welfare, and the coordination of all student personnel administration is the Dean of Students. Members of his staff are available for help in career guidance, social adjustments, financial problems, plans for graduate or professional study, or personnel analysis.

INSTRUCTIONAL DIVISIONS

The college curriculum and general plan of instruction recognize a lower division and an upper division; the former represents

the freshman and sophomore years, and the latter the junior and senior years. The work in the lower division emphasizes what is usually called "general education," and it represents the undergirding of the student's cultural and academic experience. It assumes that the student should become familiar with different fields of knowledge and that the program of general education offered in higher institutions should be essentially a continuation of the program of general education undertaken in the secondary school.

Lower Division

In the first two years it is expected that the student will discover the area of human achievement in which he possesses some marked and sustained interest and ability. During these two years, there are frequent conferences between the student and his counselor on the progress in courses, study projects undertaken and total adjustment in academic, vocational and social matters.

The student usually completes the specific course requirements for graduation in the lower division.

A general survey examination is given at the end of the lower division work. Results of these examinations are used for educational guidance.

Upper Division

In the upper division students work under a Faculty Senior Counselor in the chosen Field of Concentration. The teaching procedures and materials give emphasis to individual initiative and concentrated work. As far as possible the student's work is library and laboratory centered.

Extensive reading, problems, and seminars are regular procedures in upper division instruction. The development of an ability to form thoughtful judgments and evaluations, the "attitude of the searcher," and sustained intellectual interests, are a part of the instructional aims at this level.

Field of Concentration

A large part of the student's program in the upper division will center about the field of concentration and its related fields. The core subject of the field may be confined to the work of a single department, or may embrace work in two or more departments. The work is planned and administered as a unit under the direction of the Senior Faculty Counselor.

Admission of Students

Bethany College undertakes to accept applicants who are well qualified to benefit from the type of educational experience and academic life available here. It is expected that all applicants will be taking regular academic work as candidates for a baccalaureate degree.

All applicants for admission must furnish evidence of good moral character, sound physical and mental health, as well as adequate scholastic preparation. Students who do not want to be associated with Christian ideals and responsibilities should not plan to come to Bethany. The Committee on Admissions and Classifications will undertake to consider the best interests of the applicant and the College before final acceptance is made.

FRESHMAN ADMISSION

Applicants for admission to the freshman class will be judged acceptable in terms of scholastic preparation and intellectual maturity by either of the following plans:

I. *By Certificate*

Applicants from any accredited secondary school may be accepted for admission on presentation of a statement signed by proper school authorities, showing the kind and the amount of scholastic work done, provided:

- (a) the scholastic work completed is of such quality as to place the student in the upper half of his class as evaluated by the secondary school. Exceptions to this may be made by the Committee only when evidence of considerable validity indicates that the applicant has the ability to do good academic work at the college level. Such evidence may be scores on scholastic aptitude or mental ability tests taken with approval of the Committee on Admissions and Classifications.
- (b) the student's preparatory program includes at least fifteen acceptable units of secondary school work. Students from senior high schools may be admitted with eleven units of senior high school work.
- (c) at least two-thirds of the units of secondary school work accepted for entrance are in English, foreign languages, mathematics, natural science and social studies.

II. *By Examination on Subject Matter*

Students who have not been regularly prepared for college in a recognized secondary school may apply for admission by making a complete statement regarding qualifications and training. Such students can be regularly admitted if they qualify by means of high scores made in a battery of examinations on general educational de-



Cochran Hall for Men



Gateway Hall for Women



Oglebay Hall of Science



Bethany House,
The Student Union Building

velopment given at the College under the direction of the Committee on Admissions and Classifications. The examinations will be given upon the scholastic work covered by the list of secondary units approved by the North Central Association of Colleges and Secondary Schools. Data obtained from all examinations will be interpreted in authenticated comparable terms, such as well established public school or independent school percentiles.

ADVANCED STANDING

Students from other accredited colleges may be admitted upon the presentation of evidence that they have satisfied the general requirements for admission and that they were in good standing in the institution last attended. All applications for admission from students for advanced standing must be accompanied by official certificates stating the nature and extent of college courses completed and all disciplinary or academic items that belong to such a record. Such a statement must be signed by the proper officer of the institution where the work was done.

The evaluation and acceptance by Bethany College of credits earned at an accredited institution will depend upon the quality and nature of the academic work completed. Academic work ranked below "average" (grade C) will not be accepted. Not more than sixty-five hours will be allowed for courses completed in a junior college.

Credit will be allowed for work done in non-accredited institutions only by special action of the Committee on Admissions and Classifications. This Committee may require that the applicant be classified one class below that attained in the institution from which the credits were presented.

Some academic credit may be allowed for training courses and educational experiences in the Armed Forces according to the general pattern recommended by "A Guide to the Evaluation of Educational Experiences in the Armed Services" issued by the American Council on Education, provided such courses or experiences are appropriately related to a college of liberal arts and sciences.

A student transferring to Bethany cannot be granted a degree unless he has been in attendance at the College at least during his senior year.

ACHIEVEMENT TESTS

Any student who has anticipated the subject matter of any of the prescriptions or courses for baccalaureate degrees may make application to take an achievement test. If the result of this test indicates sufficient mastery of the subject the prescription may be waived. Passing the achievement tests will not give credit in hours toward

the degree. The application for an achievement test should be made to the Committee on Admissions and Classifications. It should state the achievement tests which the student desires to take and the basis of his preparation for the test.

PROVISIONAL ENROLLMENT

The term "provisional enrollment" is applied to the status of students who are permitted to enroll for a provisional period of two weeks pending the receipt of secondary school record, the payment of the required amount on account, or pending the fulfillment of other proper requirements of the administration. This is intended to cover the cases with which the Deans, the Committee on Admissions and Classifications or the Bursar have to deal.

READMISSION

Former students at Bethany College may apply to the Director of Admissions for readmission to the College. Students who were in good standing at the time of withdrawal will be readmitted, subject to approval of the Committee on Admissions and Classifications. Students who have attended other colleges or universities after withdrawal from Bethany must file complete official transcripts of academic records along with the application for readmission for consideration of the Committee on Admissions and Classifications.

UNCLASSIFIED STUDENTS

A very limited number of students who are not candidates for a degree may be admitted to the College as "unclassified students" with permission to pursue selected courses. Approval for such enrollment will be given only if the applicant can satisfy the Committee on Admissions and Classifications that he can pursue the courses with profit, that he has a serious purpose in mind, and that he can meet the general requirements as to health, character and mental ability.

MEDICAL REQUIREMENTS

After the candidate's admission the parents and family physician will be asked to provide the Dean of Students and the College Physician with a medical history adequate for the understanding of any problems which may arise. Each candidate must also present evidence of having had a successful smallpox vaccination within a three-year period prior to entrance. The College reserves the right at any time to require the withdrawal of a student when in its opinion his physical or mental condition is such that his interests and those of the College would be better served by such withdrawal.

Requirements for Degrees

Bethany College confers, at formal graduation exercises, upon students who have satisfied all appropriate requirements and have maintained high standards of character, the degrees of Bachelor of Arts or Bachelor of Science.

SEMESTER HOURS

Candidates for either of the baccalaureate degrees are required to complete a total of 126 semester hours of academic work. Of this number, 40 semester hours must be in upper division courses. Of the 126 semester hours presented for graduation, at least 96 must be of "C" grade or better. Only 12 hours, as a total, in applied music, applied art, or activity courses in physical education can be used toward meeting the minimum requirement.

Candidates for the Bachelor of Science degree must present at least 40 semester hours from courses taken in Biology, Chemistry, Mathematics, or Physics. At least 25 of these hours must be earned in upper division courses.

In the case of students transferring from institutions of junior college standing, credit will be allowed for not more than 65 semester hours.

Students who have anticipated the subject matter of courses prescribed for the baccalaureate degrees may make application to the Committee on Admissions and Classifications to take an achievement test. If the result of this test indicates sufficient mastery of the subject, the necessity to take the prescribed course will be waived. Passing the achievement tests will not give credit in semester hours toward the degree.

QUALITY POINTS

Quality points, awarded on the basis of final grades received, are required for graduation. At least 252 quality points must be earned and of these at least 80 must be earned in upper division courses. In computing quality points the following values are used: A=4, B=3, C=2, D=1 quality points for each semester hour.

DISTRIBUTION OF COURSES

Candidates for graduation are required to complete a full year course in several of the major departments of the College. Such courses have been designated by the faculty as representing an "introduction to general education."

The following specific course requirements must be met by all candidates for the baccalaureate degree:

6 semester hours in English composition or literature

6 semester hours in one of the following:

Biology, Chemistry, Mathematics, Physics, or Physical Science

6 semester hours in Biblical Literature, i. e., courses in

Old and/or New Testament

6 semester hours in one of the following:

History, Political Science, Economics, or Sociology

6 semester hours in one of the following:

Psychology, Philosophy, or Education

6 semester hours in Physical Education, i. e., two hours in

personal hygiene and four hours in activities courses

Foreign Language Requirement:

A reading knowledge is required in one of the foreign languages offered at the College or approved by the Committee on Admissions and Classifications. This requirement may be satisfied by the completion of the second year course in the language at the college level; or by written and oral examination given under the direction of the Department of Modern Languages.

FIELD OF CONCENTRATION

Each student should determine a Field of Concentration after three semesters of residence academic work. The determination of the Field of Concentration can not be delayed beyond the fourth semester without the possibility of extra academic courses being required.

In the Field of Concentration each student will have the help and direction of a Senior Faculty Counselor in planning his course of study, but the following specific requirements must be followed:

- (a) In core subjects of the Field of Concentration, at least 24 semester hours must be completed but not more than 42 semester hours will be counted toward degree requirements. At least 12 semester hours in core subjects must be in courses at upper division level. Grades earned in core subjects must meet a minimum requirement of cumulative scholarship index of 2.00.
- (b) In a related subject at least 12 semester hours must be completed and this must be related to the core subject.

The Senior Faculty Counselor will determine specific course requirements within the Field of Concentration and will approve the related subjects.

The Field of Concentration which a student elects determines specific requirements for the student, not only of work to be done in the field, but courses to be completed in other departments. The general outline of the requirements for each Field of Concentration is listed in the section of this bulletin that carries Courses of Instruction. Modifications may be made to meet the needs of the individual student.

COMPREHENSIVE EXAMINATION

A comprehensive examination, both written and oral, is required of each candidate for a degree at Bethany College. This examination is given under the direction of the Senior Counselor in charge of the "Field of Concentration" with the assistance of a faculty committee appointed by the Dean of the Faculty. It is intended to cover the total range of material and accomplishment for the field. A student failing in the comprehensive examination shall be considered as failing to meet the requirements for graduation and shall not be graduated.

Comprehensive examinations are given once each academic year. Students who fail to pass the comprehensive examination shall, upon payment of a suitable fee, be given a second opportunity only at the end of any subsequent year, provided reasonable notice has been given to the Committee on Admissions and Classifications and the department head. Further opportunity to take this examination shall be given only by special vote of the faculty.

A student desiring to take a comprehensive examination in a second Field of Concentration may do so provided the Senior Counselor concerned and the Dean of the Faculty approve, and that the student shall have paid the fee required for a special comprehensive examination.

GRADUATE RECORD EXAMINATION

Students are required to take the Graduate Record Examination during the last semester of the senior year. The record on this examination will be needed by students seeking admission to graduate and professional schools. The results may be considered in the awarding of graduation honors. Charges for this examination are included in the graduation and diploma fee.

RESIDENCE

Four years are usually required to satisfy the course and residence requirements for the baccalaureate degree. Students of superior ability may complete the requirements in less time. The senior year must be spent in residence at the College. In the case of students who have met all specific requirements except that of total hours, and who plan to enter an approved professional school, permission may be granted by the Committee on Admissions and Classifications to take the equivalent of the last semester of academic work in the professional school.

Not more than nine semester hours may be obtained in other undergraduate collegiate institutions for the fulfillment of the work of the senior year, except in a professional school as stated above.

COMBINATION COURSES

Special arrangements have been approved by the faculty under which students who have completed three years of work at the College may transfer to specifically approved institutions for engineering or nursing training and be eligible for graduation at Bethany on satisfactory completion of their undergraduate training at the cooperating institution.

By cooperative arrangements with Carnegie Institute of Technology, and the School of Engineering, Columbia University, Bethany offers the first three years of a five year course for engineering students and arranges for the qualified student to transfer to either of the above mentioned institutions for the last two years. Upon completion of this five year program the student will receive a bachelor's degree from Bethany College and from the institution in which he has chosen to complete the engineering program.

Arrangements have been approved with the University of Pittsburgh School of Nursing and Francis Payne Bolton School of Nursing of Western Reserve University whereby Bethany students upon the completion of three years of satisfactory work in the College or ninety semester hours of work, exclusive of required physical education courses, with an approved distribution of courses, may transfer to one of the above or other approved institutions and upon the satisfactory completion of training may receive the Bachelor of Science Degree from Bethany College and the Diploma in Nursing from the School of Nursing. The student Nurse's Registry Certificate is to be filed with the Registrar before graduation is confirmed.

INVALIDATION OF CREDITS

Courses completed either in Bethany College or elsewhere, more than ten calendar years before the date of proposed graduation, will not be accepted for credit toward graduation. All candidates are expected to comply with the requirements for degree in effect at the time of acceptance of the application for degree. With the approval of the Committee on Admissions and Classifications and the payment of the required fee the candidate may take examinations, as administered by the various departments, for courses included in the current curriculum, to re-instate academic credit that may have been declared not-valid because of date.

College Costs

Bethany College is a non-profit institution. Tuition, fees and other general expenses paid by the student cover less than two-thirds of the College's instructional and operating expenses. The balance needed to meet the instructional and general expenses of the College comes from income of endowment funds, and from gifts and contributions from alumni and friends of the College.

Charges in residence halls and dining rooms are planned to cover the actual cost of operating these facilities.

Bethany College has always been known as a college of moderate costs. It purposes to continue to keep the cost to the student as low as possible consistent with the maintenance of adequate facilities and competent instruction.

ESTIMATED EXPENSES FOR A SEMESTER

For essential campus expenses, exclusive of such personal items as clothes, travel and amusements, and books, a student should budget from \$550 to \$575 a semester.

Tuition	\$237.50
Room	\$70.00 to \$90.00
Board	\$195.00
General Student Fee	\$25.00

The College is required to collect the West Virginia Sales Tax of 2% on published charges for room and board.

The College reserves the right to change the price for board without advance notice.

TUITION AND GENERAL FEES

The tuition for each semester is \$237.50 for fifteen academic hours or less. For each academic hour in excess of fifteen an additional charge of \$16.00 is made. No reduction is made in student accounts for course changes made after the first two weeks of the semester. Tuition for students carrying less than twelve hours is \$17.00 per semester hour.

By action of the Board of Trustees members of the families of home and foreign missionaries actively in service are allowed free tuition for regular academic work at the College.

General Student Fee

The General Student Fee of \$25.00 per semester covers activities and services as follows: Athletics, Health Service, Library, Lectures, Concerts, and Student Activities. The Student Board of Governors receives a portion of this fee and is responsible for the program and budgets of the Social Committee and the Student Board of Publications and appropriates money to the support of a wide variety of student activities.

Application for Admission

All applications for admission should be made to the Director of Admissions on forms supplied by the college. A preliminary application form will be found at the end of this catalogue. A \$5.00 fee is required at the time formal application is made.

Application for Readmission

Students who have been previously enrolled in Bethany College who wish to return for additional college work must file an Application for Readmission with the Director of Admissions. A \$5.00 fee is required at the time such application is made.

All applications for admission or readmission are reviewed by the Faculty Committee on Admissions and Classifications and notice of action taken is sent directly to the applicant.

Registration Deposit

Upon acceptance for admission or readmission a Registration Deposit of \$25.00 is required of all students. This is refundable until June 16 (December 20 for second semester)—or within two weeks of acceptance, if an applicant is accepted after this date—upon written notice of withdrawal, addressed to the Director of Admissions. This deposit is applied on the student's account at the beginning of the second semester of the college year.

For students already registered in Bethany College and planning to continue the following year, advance registration is held early in May with payment of a Registration Deposit of \$25.00 due on or before May 5. This is refundable up to June 16 for fall registration and up to December 20 for those not planning to return for the second semester.

Freshman Orientation and Evaluation Fee

A fee of \$10.00 is charged to cover the costs of freshman orientation, and for board and room for the days at the beginning of the semester known as Freshman Orientation and Evaluation Days. Freshmen will report on Sunday, September 21, 1952, and the Freshman Orientation Fee is payable on the following day.

WITHDRAWAL

A student wishing to withdraw from Bethany College must file written notice with the Dean of Students to qualify for refunds of deposits and adjustment of other charges.

REFUNDS

In case a student withdraws from college during the semester, tuition, board and room rent are refunded on a pro rata basis, figured from the end of the week in which withdrawal takes place. Scholarships and grants are not applied on the accounts of students

who withdraw before the end of the semester. Special fees and the General Student Fee are not refunded.

RESIDENCE FACILITIES

All students are regularly required to live in college supervised dormitories. Students beyond the freshman year may choose to live in college dormitories, fraternity or sorority houses, unless excused by the Dean of Students.

Cochran Hall is the dormitory for freshman men, with single and double rooms available at a rental of \$85.00 and \$90.00 per semester. Town House is a dormitory for men beyond the freshman year with single and double rooms available at a rental of \$75.00 per semester. The College maintains several supplementary dormitories arranged in suites for occupancy by upperclassmen. These facilities are available at a rental of \$70.00 per semester.

Phillips Hall is the dormitory for freshman women with a limited number of rooms for upperclass students. Single and double rooms are available at a rental of \$85.00 and \$90.00 per semester.

Gateway Hall is reserved for upperclass women and has single and double rooms at a rental of \$85.00 and \$90.00 per semester.

Students living in college operated dormitories are expected to furnish curtains, bed linen, blankets, bedspreads, pillow, towels, study lamps and rugs. They are expected to care for their own rooms and to keep them clean and in good order at all times.

Guarantee and Breakage Deposit

All students reserving accommodations in college dormitories must make a \$10.00 room guarantee and breakage deposit. This deposit is refundable if all other charges due the College have been paid. If the room is vacated prior to the end of the college year the guarantee deposit will not be refundable. However, if notice of withdrawal is given prior to June 15, as described in connection with the Reservation Deposit, the room deposit of \$10.00 will likewise be refunded.

Linen Service

For the convenience of the student there is available a commercial linen service, supplying at fixed fee per semester, sheets, pillow cases, and towels each week while the College is in session.

Operation of College Halls

Room assignments in all college dormitories are made for the academic year. Cancellation and refund procedures are explained elsewhere.

Room assignments for upperclassmen are made in the order of class membership, supplemented by the drawing of lots. Requests for change of assignments are handled for men by the Dean of Students;

for women by the Associate Dean of Students. A new contract is issued at time of change. Failure to clear room changes properly may result in forfeiture of the guarantee deposit.

Residence halls will be open for freshmen for each semester the day before Freshman Week begins and for all other students the day before Registration Day. Residence halls will be closed and students are not expected to stay in Bethany when college is not in regular session.

Bethany College reserves all rights in connection with the assignment, termination of occupancy and reassignment of rooms in all dormitories.

Fraternity and Sorority Houses

Five national fraternities and four national sororities maintain active chapters on the Bethany campus and have dormitory accommodations for a limited number of members.

The four sorority houses are operated under the same rules of supervision and conduct as other college facilities for women. These accommodations are available at a rental of \$75.00 per semester.

The maintenance of proper conduct and discipline in the five fraternity houses is a direct responsibility of the Dean of Students. Semester rentals range from \$70.00 to \$80.00 per semester.

DINING HALLS

All students are required to eat in college dining halls unless excused by the Dean of Students. The charge for Board is figured at the rate of \$195.00 per semester. No refunds are granted for meals missed.

MISCELLANEOUS FEES

Laboratory and Course Fees

These fees are applicable for the specific course listed. They are charged only to students enrolled in such courses.

Art 41, 42, 43, 44, 46.....	\$5.00 per semester
Biology 11, 12, 31, 32, 38, 57, 63, 64, 65, 66, 76, 77, 78.....	\$8.00 per semester
Biology 87, 88, 91, 92 (each hr.).....	\$8.00 per semester
Chemistry 11, 12, 31, 71, 72, 73, 75, 76.....	\$8.00 per semester
Chemistry 87, 88, 91, 92 (each hr.).....	\$5.00 per semester
Chemistry 32, 34, 51, 52.....	\$12.00 per semester
Education 79, 80, 81, 82 (each hr.).....	\$5.00 per semester
Journalism 53, 55, 56, 63, 66, 71, 72, 73, 74.....	\$5.00 per semester

Journalism 91, 92 (each hr.)	\$3.00 per semester
Physics 11, 12, 31, 32	\$5.00 per semester
Physics 61, 62, 65, 66, 87, 88, 91, 92 (each hr.)	\$5.00 per semester
Psychology 61, 62, 64	\$5.00 per semester
Psychology 87, 88, 91, 92 (each hr.)	\$3.00 per semester
Secretarial Training 11, 12, 21, 22	\$5.00 per semester
Speech 61, 62, 67, 68	\$5.00 per semester

Breakage and Guarantee Deposits

These deposits are made to cover actual costs of special services and loss or breakage of material loaned to the student. Unused portions will be refunded.

Biology 44	\$7.00 per semester
Biology 63, 64	\$3.00 per semester
Chemistry 11, 12, 31, 73, 75, 76, 87, 88, 91, 92	\$3.00 per semester
Chemistry 32, 34	\$6.00 per semester
Chemistry 51, 52, 71, 72	\$7.00 per semester
Chemistry 67, 68 (travel)	\$10.00 per semester
Deposit on lock in gymnasium	\$1.00

Music Fees

Private Lessons, one lesson a week	\$30.00 per semester
Private Lessons, two lessons a week	\$55.00 per semester
Instrumental Rental	\$5.00 per semester
Organ Practice, one hr. each day	\$20.00 per semester
Piano Practice, one hr. each day	\$5.00 per semester
Piano Practice, three hours per week	\$3.00 per semester

Other Special Fees

Application Fee for all new students	\$5.00
(This fee must be paid before any action is taken on application for admission)	
Application Fee for all former students	\$5.00
(This fee must be paid before any action is taken on application for admission)	
Advance Registration Fee	\$25.00
(This fee is applied on second semester account)	
Auditing a course, per semester hour	\$5.00
Comprehensive Examination	\$25.00
(For students not in residence or for special examination)	

Each academic hour when less than twelve.....	\$17.00 per semester
Each academic hour in excess of fifteen.....	\$16.00 per semester
Each change in registration after first two weeks.....	\$1.50
Freshman Orientation Fee.....	\$10.00
Graduation and Diploma Fee.....	\$15.00
Health Insurance.....	\$6.00 per semester
(optional with student)	
Infirmary charge per day.....	\$3.00
(After first three days each semester)	
Late registration.....	\$2.00
(Per day up to three days each semester)	
Guidance and advisement service (pre-college).....	\$10.00 to \$25.00
Special Final Examination in any department or course.....	\$5.00
Special placement or achievement test in any department.....	\$5.00
Transcript fee for transcript or copy of academic record.....	\$1.00
(After first issue)	

Payment of Accounts

At the time of registration an invoice will be prepared for each student, listing all charges due the College for the semester. The total amount shown on the invoice is due and payable on Registration Day. The student is not considered to be registered until such payment is made or until satisfactory arrangements are completed as described below. All accounts are payable to Bethany College.

Upon request and with the approval of the Business Office a period of two weeks following Registration Day may be allowed to complete payment of the invoice. Each student is required to make a minimum cash payment of \$50.00 on or before Registration Day. This is in addition to the Registration Deposit. In case the total of the invoice is less than \$50.00, the full amount is to be paid.

DEFERRED PAYMENTS

Monthly Payment Plan

The College has made arrangements with The Tuition Plan, Incorporated, whereby student accounts may be paid on a monthly basis during the school year. The charge for this service is 4% of the amount financed. It is desirable that arrangements to use this plan be made prior to the registration period. Information and contract forms are available through the Business Office. The contract is completed by the parent or guardian of the student. It should be returned to the Business Office prior to the expiration of the two week period described above in lieu of payment in full of the College invoice.

Carrying Charge on Deferred Payments

When the account has not been properly settled at the end of the two week interval previously discussed, the account is subject to an additional charge of 10% and the student may be denied college privileges until arrangements for handling these matters are completed.

No student will be granted academic credit of any kind in any semester until his financial obligations to the College have been met in full.

STUDENT DRAWING ACCOUNT

The Business Office provides a limited banking service whereby students may deposit funds and draw on them as required. Either students or their parents may make deposits to the student's drawing account. There is no charge for this service and its use is recommended. This avoids the necessity of the student keeping on hand any substantial amount of money.

Scholarships and Financial Aids

Bethany College provides financial assistance to promising and deserving students through scholarships, grants and loans to the extent that aid funds permit. These awards are made by the Committee on Scholarships and Financial Aids on the basis of scholarship, character, citizenship and need.

Candidates for admission to the freshman class who wish to apply for financial aid should make such application in writing to the Director of Admissions as early as possible. Awards to new students will be made only after the student has been accepted for admission.

Upperclassmen should make applications in writing to the Dean of Students before the end of the current academic year.

SCHOLARSHIPS

Scholarships at Bethany College are of three kinds: Competitive Examination, Honor and Alumni Regional. Such awards are for the benefit of qualified students who may not be able to meet college expenses without such help. The Committee makes awards on the basis of academic accomplishments, constructive participation in college activities, and general deportment.

General Regulations

Students will be eligible to receive only one award. Students qualifying for more than one must elect the award which they prefer. Most scholarships are awarded to freshmen on a four-year basis but they are subject to review and continuation or cancellation at the end of each year. They are continued from year to year only if the recipient has met the following conditions:

1. His scholarship index must average 2.50 in each academic year.
2. His financial obligations to the college must be met promptly.
3. His influence in the student body should be, in every sense, wholesome and helpful.
4. He shall make a worthwhile contribution to the life of the college and the college program.

It is understood that the following reasons will operate to cancel any particular scholarship award at the end of any academic year:

1. Failure to maintain a scholarship index of 2.50.
2. Serious academic censure for any cause.

3. Unsatisfactory deportment.
4. Withdrawal from college.
5. Failure to contribute in a constructive manner to college activities.

When a scholarship has been cancelled for any cause, it can not be awarded again to the same student.

Competitive Examination Scholarships

Early in the spring the College holds a competitive scholarship examination for seniors in high schools and preparatory schools and scholarships are awarded to students making top scores on the examination. Scholarships of \$1,200, to be applied on tuition at the rate of \$150 each semester for four years, are awarded to the five men and the five women making the highest scores. The next ranking ten men and ten women receive \$800 awards to be applied on the tuition at the rate of \$100 each semester for four years. The recipients of these scholarships are subject to all the general rules governing scholarships as listed above.

Honor Scholarships

A limited number of scholarships are awarded to entering freshmen students who rank in the highest honor group of their secondary school graduating class. These provide a stipend of \$800 to be applied on tuition at the rate of \$100 per semester for four years. The recipients of these scholarships are subject to all the general rules governing scholarships as listed above.

Alumni Regional Scholarships

Alumni Regional Scholarships are awarded to individuals of unusual ability upon recommendation of alumni groups in various districts after review by the Committee on Scholarships and Financial Aids. These scholarship awards are for the amount of \$1,200 applicable on the tuition account of the student at the rate of \$150 per semester for four years.

To be eligible for one of these awards, the student must be in the upper quarter of his high school or preparatory school graduating class; he must have demonstrated interest and ability in extra-curricular activities by active participation; he must be well recommended by responsible secondary school officers; he must have the endorsement of five alumni of Bethany College in his area. The recipients of these scholarships are subject to all the general rules governing scholarships as listed above. Students in college will be considered in special instances on the basis of accomplishments and citizenship in college. Such awards will be at the rate of \$150 per semester. The total number of Alumni Regional Scholarship Awards is limited to fifteen.

AWARDS OF MERIT

A limited number of awards varying in amount from \$400 to \$600 are granted for a period of four years to entering freshmen and on a pro rata basis to upperclassmen who would not be able to attend college without such financial help. These awards are based upon the applicants' academic achievements and general school citizenship as well as financial need. Continuation of these awards requires a scholarship index of 2.25 in each academic year.

DEPARTMENTAL FELLOWSHIPS

Certain members of the junior class are designated as Senior Fellows for the following year. The selection is made only of students who have attained unusual excellence in their major study and who, by character and ability, can do special work in a department as an assistant in instruction and research. The Senior Fellowship carries a small stipend. No more than six Senior Fellowships are awarded in any one year. The selection of Senior Fellows is made by the Committee on Honors from the nominations of the department heads.

MINISTERIAL TRAINING AWARDS

Students who are preparing for full time Christian service in the fields of ministry, religious education, and missions, may be able to get additional financial aid through grants-in-aid that are made possible by contributions from churches and individuals. This program is under the supervision of the Director of Ministerial Training. It is limited to those who are preparing for full time service with the Disciples of Christ. Some financial assistance is available to those preparing for this type of service with other religious groups. Continuation of these awards requires satisfactory academic performance in each academic year.

DESIGNATED SCHOLARSHIPS

The College recognizes, with appreciation, the gifts of specially designated funds which not only provide lasting memorials for individuals and families, but also make possible scholarship grants to undergraduates who otherwise would find it difficult to remain in college.

The following scholarships have been especially designated by friends of the College and are part of the total resources available for financial aid to students:

Mary A. Morrison Scholarship—This is a scholarship covering three-fourths of the cost of tuition.

Isaac Mills Scholarship—This scholarship covers a part of the tuition charge of a ministerial student.



Commencement Hall



G. A. Willett Scholarship—This scholarship of \$100 per semester applies on tuition. The student receiving this scholarship is to be nominated by a member of the Willett family.

Isaac Brown Scholarship—This scholarship provides \$30 per semester to apply on tuition.

Albert C. Israel Scholarship—This scholarship yields \$20 per semester to apply on tuition of a descendant of Albert C. Israel.

Jennie I. Hayes Scholarship—The income from a fund of \$5,000 is awarded for the purpose of helping students who are preparing for the mission field or the ministry. The students who receive the benefits of this scholarship may be nominated by the donor.

Ida M. Irvin Scholarship—The income from a fund of \$5,000 is awarded to students who have reached the senior year in their college course. The students receiving benefits from this scholarship are to be nominated by the Dean of Students.

Herbert Moninger Scholarship—A scholarship fund of \$2,500 established in memory of Mr. Herbert Moninger, a graduate of the class of 1898. The income is used to aid a student or students preparing for religious education.

Josiah Wilson Scholarship—A scholarship fund in the amount of \$2,500 established by Josiah N. Wilson in memory of Josiah N. and Wilmina S. Wilson. The income is used to aid a student or students preparing for the Christian ministry.

The John H. and Ida H. King Scholarship Fund—The income from a fund of \$17,000 is awarded to students at Bethany College under terms approved by the Trustees of the College in accordance with the will of the donors.

M. M. Cochran Scholarships—Scholarships covering a part of the tuition charge. The students who receive the benefits of these scholarships are to be nominated by the President of the College.

Minnie W. Schaefer Awards—The income from this fund of \$8,000 is awarded to a student or students preparing for definite Christian service.

J. T. Smith Awards—A fund of \$17,000 established by Mr. J. T. Smith of Memphis, Tennessee, the income of which is available for students preparing for the Christian ministry or some other form of Christian service.

William Kimbrough Pendleton Scholarship Fund—A fund of \$20,000 set up by Clarinda Pendleton Lamar in memory of her father, William Kimbrough Pendleton, member of the first faculty and second president of the College (1866-1889), the income of which is available each year to one or more citizens of West Virginia. These awards may be in the form of loans or outright gifts as determined by the Committee on Financial Aids.

Vinson Memorial Fund—A fund of \$1,600 established by Z. T. Vinson, of the Class of 1878, through the Central Christian Church

of Huntington, West Virginia, the income from which is available to students preparing for the Christian ministry.

Florence M. Hoagland Memorial Scholarship — A fund of \$5,100 established by Miss Frances Cables of Woodstock, New Hampshire for the establishment of a scholarship in memory of Florence M. Hoagland, Head of the Department of English and Advisor for Women at Bethany from 1936 to 1946, the income of which is available to students approved by the Committee on Scholarships and Financial Aids.

Perry Scholarship Fund—A fund of \$11,900 established in memory of Professor and Mrs. E. Lee Perry. Professor Perry was a graduate of the College in the Class of 1893, Professor of Latin at the College from 1908 to 1939 and Professor Emeritus from 1939 to 1948. Under the terms of this gift, the income of this fund is to be used to aid students preparing for the Christian ministry.

William H. Vodrey Scholarship—A fund of \$11,500 established by Mr. William H. Vodrey, a member of the Class of 1894, the income of which is to be used to assist a student or students from the area around East Liverpool, Ohio.

Arthur C. Stifel Scholarship—A fund of \$4,400 established by Mr. and Mrs. Arthur C. Stifel of Wheeling, the income from which is to be used to assist a student or students from the Wheeling area with preference suggested for children of employees of the J. L. Stifel and Sons Company.

Newton W. and Bessie Evans Scholarship Fund—A fund of \$5,000 established by Mr. Newton W. Evans, the income from which is to be used to assist worthy students in furthering their education at Bethany College.

The Oreon E. Scott Foundation Scholarships—A grant from the Trustees of the Oreon E. Scott Foundation provides scholarships covering part of the tuition costs for the junior and senior year to those students preparing for the Christian ministry who have the highest scholarship index for prior years.

Bethany College Club of the Ohio Valley Award—To apply on the tuition of one or more men students from the Ohio Valley.

Indianapolis Alumni Club Scholarship—To apply on the tuition of one or more students from the area around Indianapolis, Indiana.

William S. Wilkin Scholarship—An award of \$400 for the year 1952-1953 established by the Men's Class of the Wellsburg Christian Church in memory of William Saylor Wilkin, a graduate of the Class of 1912, a member and for many years Chairman of the Board of Trustees. The award is to be made by the officers of the Class subject to approval of the Committee on Scholarships and Financial Aids.

The Cluss Scholarship—An award in the amount of \$200 for the year 1952-1953 to be made to a citizen of Fayette County, Pennsylvania. This fund was established by members of the Cluss Family of Uniontown, Pennsylvania.

The Gans Fund Awards—A fund of \$50,000, established by Wickliffe Campbell Gans of the Class of 1870 and Emmet W. Gans, in memory of their father and mother, Daniel L. and Margaret Gordon Gans, the income of which is to be awarded to juniors and seniors at Bethany College and to graduates of Bethany College engaged in study and research at Bethany or elsewhere who have shown "evidence of merit and promise in the field of science." Funds so awarded will be available for approved study and research in some specific field.

Rhodes Scholarships—Men who have completed their sophomore year at Bethany College are eligible to compete for the Cecil Rhodes Scholarship, tenable for three years at Oxford University, England. These scholarships are awarded on the combined basis of character, scholarship, athletic ability, and leadership in extra-curricular activities. Further information may be obtained from the Dean of Students.

Foreign Exchange Fellowships—Each year at least two students direct from foreign countries come to Bethany to study on fellowships provided by the college administration. These students come to interpret their own people and their national culture to American student life. These awards are made only to students who are recommended by the Institute of International Education.

LOAN FUNDS

The Phillips Loan Fund was established in 1890 by the gift of Thomas W. Phillips, Sr., of New Castle, Pennsylvania, in the amount of \$10,000. Principal and interest in this fund is loaned to students preparing for the Christian Ministry.

Additional monies have been added to the Loan Funds from various sources and are available for loans to all students of the college. Total loans outstanding now total more than \$50,000.

The Claude Worthington Benedum Foundation has contributed the sum of \$2,500 to establish the *Claude Worthington Benedum Scholarship Loan Fund*. Loans from this fund are made to Bethany students who are bona fide residents of West Virginia, are in need of financial aid, and meet requirements for such assistance as established by the faculty.

Loans from the Bethany College Loan Funds may be obtained by students complying with the conditions governing the same. These loans are without interest while the student is in Bethany College

and notes are drawn to mature four months after graduation or withdrawal from college. All notes bear interest from the date of maturity.

Applications for loans must be made to the Committee on Scholarships and Financial Aids. All financial obligations to the College including notes to the loan fund must be paid before an official transcript of the student's academic record can be issued.

STUDENT EMPLOYMENT

Limited opportunities for students to earn money for college expenses are afforded, but under no circumstances is it possible for a student to earn all of his expenses. The College may not be able to provide student employment of any kind beyond \$200 as a total for one year.

Applications for student employment must be filed on a proper form. A careful study of the student's needs and general welfare will be made by the committee caring for student employment as each application is considered. Applications for student employment should be filed with the Committee on Scholarships and Financial Aids.

Health

The College recognizes its responsibility for the physical well being of its students and undertakes to provide adequate facilities and procedures to safeguard their health. Especial attention is given to the prevention of illness or accident as well as to treatment and cure.

THE COLLEGE INFIRMARY

The College Infirmary, in charge of the College Nurse and her assistants, is open while the College is in session. It includes the physician's office, dispensary, treatment rooms, medicine room, and wards for men and women.

The College Physician is at the infirmary each day for consultation, examination, and treatment without charge. Students may not call to request nursing services outside the infirmary.

DISPENSARY

Each student is expected to report to the college dispensary in case of illness of any kind. The Head of Residence in any college facility should be advised at once if a student is ill and unable to report to the dispensary. In the case of contagious or infectious disease, students will be expected to give absolute observance to any regulations which may be prescribed by the college officers or public health officials.

Arrangements can be made for vaccinations, cold serums and special treatments at the college dispensary. No extensive medical or surgical procedures are carried out at the infirmary, but all minor ailments will be cared for, and some medicines will be supplied.

EXAMINATION AND TREATMENT

All students registering for the first time at Bethany receive a thorough physical examination and may be required to follow recommendations of the College Physician.

When medical care is needed outside the infirmary, advisory assistance in securing outside services will be given but the expense of such treatment must be paid by the student.

Students are free to employ either the College Physician or a physician of their own choice in any case of illness. Well-trained physicians are available in Wellsburg and Wheeling.

HEALTH COURSE

Instruction in health is offered in the classroom. A course in personal hygiene or its equivalent is required of all students, preferably in the lower division.

INFIRMARY CARE

In case of need each student is entitled to three days per semester of resident care in the infirmary with no additional charge. For periods in excess of this time, a charge of \$3.00 per day is made. Students not boarding in college dining halls will be charged \$3.00 per day for board during the period of hospitalization beginning with the first day of confinement.

STUDENT HEALTH INSURANCE

The Student Health Service is not designed to cover accident or serious illnesses requiring special medical or surgical treatment or hospitalization. The College therefore makes available to its students and their parents medical, surgical and hospitalization insurance to afford reasonable protection for those cases which exceed the benefits and services extended by the College Infirmary. All students are urged to purchase this or similar coverage. The cost is \$6.00 per semester and may be included in the college invoice.

COST OF SERVICES

The cost of Dispensary and Infirmary services is covered by a portion of the General Fee. Direction of the Health Service program is under the supervision of the Dean of Students.

Recognition of Student Achievement

Bethany College undertakes to encourage superior achievement in scholarship and outstanding leadership in student affairs by public recognition at Commencement, on Honors Day and on other suitable occasions.

GRADUATION HONORS

Students who have done academic work of unusual merit will be graduated with honors, viz., Summa Cum Laude, Magna Cum Laude or Cum Laude. The awarding of honors is determined upon the basis of total quality points earned, standing in the comprehensive examination, and the recommendation of the Senior Counselor in charge of the student's field of concentration.

Students who make an unusual record on the comprehensive examination are listed at graduation as having passed "With Distinction".

CLASS HONORS

Upper division students of the College who complete the academic work of any one year with a scholarship index of 3.5 are recognized for "First Honors" for the year, and those who complete the academic work of any one year with a scholarship index of 3.25 are recognized for "Second Honors" for the year. Lower division students of the College who complete the academic work of any one year with a scholarship index of 3.25 are recognized for "First Honors" for the year, and those who complete the academic work of any one year with a point average of 3.0 are recognized for "Second Honors" for the year.

DEAN'S LIST

At the end of each semester a list of students who have ranked high in academic attainments as attested by scholarship index are designated for the Dean's List. This distinction is determined by the Dean of the Faculty and the Dean of Students.

SENIOR FELLOWSHIPS

Certain members of the junior class may be designated as Senior Fellows for the following year. The selection is made only of students who have attained unusual excellence in their Field of Concentration and who, by character and ability, can do special work in a department as an assistant in instruction or research. No more

than six senior fellowships are awarded in any one year. The selection of Senior Fellows is made by the Committee on Honors from the nominations of the department heads.

HONORARY ORGANIZATIONS

Gamma Sigma Kappa is the honorary scholastic fraternity founded at Bethany College in 1932. Students maintaining a scholarship index of 3.25 for four consecutive semesters, provided that in no semester their scholarship index falls below an average of 3.0, are, upon recommendation by the faculty Committee on Honors, eligible for membership.

Bethany Kalon is an honor society established to give recognition to leadership in student activities and community services. To be considered for membership in this society, a student must have completed four semesters of college work, must have attained a satisfactory scholarship index and must have demonstrated competence in leadership in college activities, constructive citizenship in the college community, and high standards of personal character. Selection of members is made by the members of the society from students nominated by a committee of the faculty.

The *West Virginia Delta Chapter of Pi Gamma Mu* is an honorary social studies fraternity. Students maintaining a high scholarship index in twenty semester hours of social studies are eligible for membership.

Alpha Phi Chapter of Beta Beta Beta is an honorary society for students of the biological sciences. Its purpose is to stimulate sound scholarship, to promote the dissemination of scientific truth, and to encourage investigation in the life sciences.

AWARDS

The *Oreon E. Scott Award* is made each year at the annual Commencement to the graduating senior who has achieved the highest academic record over the four-year period. The donor of this award is a Bethany graduate of the Class of 1892.

The *Anna Ruth Bourne Award* is planned to stimulate scholarship among the women's social groups. This is a silver cup, provided by an anonymous donor, awarded to the women's social group earning the highest scholarship standing each semester. The group winning the cup for four semesters is presented with a smaller replica as a permanent trophy.

The *Outstanding Junior Woman Award* is provided by the Pittsburgh Bethany College Club, comprising the college alumnae of Pittsburgh. This award is based on qualities of leadership, character, conduct, and scholarship. The club has placed a suitable plaque in

Phillips Hall on which the names of the winners are engraved. In addition, an individual gift is made each year to the person designated.

The W. F. Kennedy Prize is given each year to the outstanding young man in the junior class. This award, established by Mr. W. F. Kennedy of Wheeling, West Virginia, is awarded on the basis of his contribution to the college community life through leadership in activities, personal character, and scholarship.

The Freshman Writing Award is open to all Bethany freshmen and is judged on the merit of three types of writing: the essay, the short story, and poetry. The judging of the contest is under the direction of the Department of English.

Career Preparation

Bethany College believes that a liberally educated man or woman, well-grounded in broad fields of knowledge, is best prepared to participate in and enjoy the richer life. It prescribes a basic program in general subjects which are designed to make students better rounded personalities and more competent citizens. On the solid base of a general education the student can erect a structure of specialized courses in a field of concentration which will prepare him for admission to graduate and professional schools or for entrance into the business and professional world.

To help its students plan their life's work, Bethany College conducts an effective vocational service. Each year vocational conferences bring to the campus leaders in the various professional and business fields to discuss with the students the nature of the work in which they are engaged, the aptitudes and training necessary for success and the occupational and personal rewards.

In addition to Senior Counselors in the several fields of concentration, the College has designated certain members of the faculty and staff as Advisors for other career interests. Vocational information listing requirements and opportunities in a wide variety of vocations is available in the Vocational Placement Office, which is operated under the supervision of the Dean of Students.

GRADUATE TRAINING

Students who plan to do graduate work leading to higher degrees should bear in mind that a reading knowledge of both French and German is generally required. Results of the Graduate Record Examination will be requested by the graduate schools of most universities, and by an increasing number of organizations in business and industry.

PRE-PROFESSIONAL STUDY

Bethany offers professional and pre-professional training in a variety of fields. A large percentage of its students select their courses to qualify them for entrance to technical or professional schools. The Senior Counselor or Advisor should be consulted to see that specific requirements of the school selected are met.

Below are listed a number of career interests for which undergraduate preparation is to be found at Bethany. They represent only a sampling of the many programs the student may elect in preparation for his life work.

Pre-Medicine

Students desiring to prepare for the study of medicine will find instruction and facilities which will satisfy the entrance requirements

for the best medical schools. In keeping with the thinking of those who are engaged in medical education, the College advises broad basic training in general education, i. e., language, literature, philosophy, and social science. A Field of Concentration in Pre-Medical Training is planned for those who do not wish to elect a Field of Concentration in a single field of science.

Professional Chemistry

A thorough preparation for Professional Chemistry with a complete background of training in the liberal arts is offered in a program of courses that meets the requirements outlined by the American Chemical Society. Courses in Special Problems introduce the student to the principles of research, aiding in any contemplated graduate or industrial work following graduation.

Pre-Engineering

A broad training in the sciences and humanities provides a good foundation for students who look forward to specialization in one of the technical branches of engineering. Students who desire to transfer to an engineering school before the completion of their undergraduate training at Bethany, will need to give careful attention to requirements of the engineering school they wish to enter.

By cooperative arrangements with the Carnegie Institute of Technology and Columbia University, Bethany offers the first three years of a five year course and arranges for the qualified student to transfer to the technical school for the last two years of undergraduate training. Upon completion of the five year program, degrees from both institutions will be granted.

Pre-Law

The leading law schools make no specific requirements for the pre-law student, but do recommend that the college course give the student basic training in history, English, languages, sciences, and social sciences. A pre-law student will usually elect a Field of Concentration in History, Political Science, or Economics according to his interest.

CAREER SUGGESTIONS

Business Administration

A complete program is offered in Business Administration as preparation for entering many of the occupations in the general field of business or a variety of the business activities of government. A student may elect a Field of Concentration in Business Administration and will be expected to carry certain courses in other departments. The student has the opportunity of selecting his program from a variety of theoretical and practical courses that will further his professional aspirations after graduation.

Christian Ministry

Students who are preparing for the work of the Christian ministry in the mission field or in the church at home, are urged to elect a Field of Concentration in Religion and to include a broad study of the social studies, literature and sciences in the four year program. A majority of the ministerial students from Bethany College attend a seminary for graduate work. If such advance study is not possible immediately after graduation, the courses available at Bethany will enable the student to render effective service to the church until he is able to continue his professional training.

Dentistry

Admission requirements to dental schools have not been as generally standardized as in the case of other professional schools. Bethany College recommends at least a two-year program of pre-professional training before entering the professional school.

Government Service

Preparation for a career in Government Service calls for broad background training with a Field of Concentration which should include work from the Departments of Political Science, History, Economics, Sociology, Psychology, Personnel Administration and Written and Oral English. Students wishing to prepare for foreign service should be well-grounded in two languages and in European or Latin American history.

Journalism

The courses in Journalism at Bethany College provide a career opportunity in newspaper work, magazine work, advertising, public relations, and free-lance writing. Many students prefer to seek additional professional preparation in graduate schools of journalism. A broad elective program is recommended to buttress the Field of Concentration in Journalism. Twelve semester hours in English Literature must be included.

Librarianship

Bethany College provides pre-professional training for Librarianship. Entrance to accredited graduate library schools of Class I and Class II type is currently obtained on the basis of a Bachelor of Arts Degree with work in social studies, literature, and languages. Students contemplating study in a library school are urged to select widely in the Departments of History, English, Business Administration, Sociology and other fields, selecting the Field of Concentration in line with their special interest. Actual experience in library work is offered through a laboratory program in the college library. Students planning to enter this profession should work out their program of study with their Senior Counselor and the College Librarian.

Mathematics

There is an increasing demand for students well-trained in Mathematics for work in industry and government as well as in the teaching field. The College offers Fields of Concentration in Mathematics and Applied Mathematics to meet the needs of the individual student. In the Field of Applied Mathematics programs are planned for students interested in Mathematical Physics and Chemistry and for those interested in Pre-actuarial Training.

Merchandising

Many opportunities are open for college-trained men and women in the Field of Merchandising. Students wishing to prepare for work of this kind should elect a Field of Concentration in Merchandising, the core of which may include courses in the Departments of Economics, Journalism, Psychology, Personnel Administration, and Secretarial Training.

Nursing

Increasing opportunities are open to college-trained women in the fields of public health and professional nursing. The College has developed Co-Operative Training Programs with the School of Nursing of the University of Pittsburgh and the Francis Payne Bolton School of Nursing of Western Reserve University by which a student may attend Bethany College for three years and the School of Nursing for two years and receive the Bachelor of Science Degree from Bethany and the Diploma in Nursing from the School of Nursing. Students who complete their undergraduate training before entering the School of Nursing may become candidates in the School of Nursing for the Degree of Master of Nursing.

Personnel Administration

Personnel work is a relatively new profession, born of the needs of modern life. Business and industry, schools and colleges, social organizations, and government agencies have become increasingly aware of the importance of better guidance, utilization and conservation of manpower. The Field of Concentration in Personnel Administration includes work in the Departments of Psychology and Economics.

Physical Education

Training in Physical Education is offered for both men and women desiring to prepare for work in school or community programs of physical education. The program is planned to satisfy the requirements for Certification in Physical Education as prescribed in several states.

Public Relations

Increased attention is being given in business and industry to public relations programs as they affect employees and the public. A

special program is outlined in this field which includes work in the Departments of Journalism, Speech, Psychology, and related subjects.

Public School Music

The Department of Music offers courses in public school music methods which, together with the theory courses taken by students who select a Field of Concentration in Music, prepare students for the teaching of instrumental and vocal music in the public schools. Certification by state educational authorities requires work as prescribed by the Department of Education.

Recreational Leadership

In view of the increasing emphasis on Recreational Leadership and the intelligent use of leisure time in our present day life, a course of study has been outlined for students who wish to prepare themselves for the direction of programs of community welfare. The course follows the general plan of preparation recommended by the National Recreation Association. Students preparing for Recreational Leadership should preferably select their Field of Concentration in Physical Education with a choice of electives from the Departments of Sociology, Education, Psychology, Art, Music, and English.

Religious Education

Students planning to enter full time Christian service will find opportunity to do so in the field of religious education, as church secretaries, and directors of religious education. A Field of Concentration in Religious Education outlines a program for preparation for this kind of work which includes courses in the Departments of Religion, Psychology, and Education.

Secretarial Training

College graduates will find that there are many opportunities for the use of secretarial skills and techniques in connection with business opportunities that may be offered to them. A sound program of general education as a background to specific courses in Secretarial Training will qualify a student for excellent secretarial positions.

Social Work

Complete preparation for Social Work cannot be given on the undergraduate level; however, a broad foundation and a framework of action can be provided for those interested in professional social work. Students planning to enter this field should elect a Field of Concentration in a Social Science with additional work in related fields.

Teaching, Elementary

Bethany College is fully accredited by the State Board of Education in West Virginia, Pennsylvania, Ohio and other states for the

preparation of elementary school teachers. The need for teachers in the elementary field is emphasized by everyone interested in our public school system. This need will increase in the years immediately ahead. Requirements for certification and for graduation restrict the number of free electives open to the student. Therefore, anyone planning to teach on the elementary level should consult with the Advisor as soon as a decision is made.

Teaching, Secondary

Students who are interested in teaching in secondary schools are able to secure preparation in various teaching fields and to meet state requirements for certification in West Virginia, Ohio, Pennsylvania, New York, New Jersey and other states. Students should plan their program carefully to meet the certification requirements in the state in which they plan to teach.

CAREERS IN OTHER FIELDS

Individual programs of study may be developed by the student in consultation with the Faculty Counselor that will prepare him for work in fields not listed in the above suggestions. The Bethany Program is designed to assist the student in choosing his career wisely. The correct choice of one's life work will be rewarding in many ways. Free inquiry of and close relations with members of the faculty are significant aids in making this important choice. Facilities of the Guidance Office and Placement Service are available to all students.

General Regulations

RESIDENCE

No student will be permitted to reside or board in any place which has not been listed as approved. Fraternity and sorority houses, private dwellings and dormitory rooms where students are living, must at all times be open for inspection and appraisal as to influences and conditions relating to morals, health and social culture.

The women of the College live in Phillips Hall, Gateway Hall and in sorority houses. Each is presided over by a house hostess or a faculty resident. The Associate Dean of Students is in charge of the general supervision of the college women, with the direct responsibility for regulation of social life, residence and social privileges, out of town privileges, etc.

DEPARTMENT

It is expected that students will be governed by high personal ideals and good taste, without the existence of minute and specific rules.

The men and women of the College live under conditions intended to provide a pleasant and wholesome social life and a reasonable amount of social recreation is encouraged. Such diversion, however, may be restricted to limits considered favorable to the welfare of the students.

Bethany College has always been opposed to the use of intoxicating liquors. This policy should be understood and accepted by every matriculant.

In the administration of regulations and policies, the college officers will be guided in the treatment of individual cases somewhat by the general attitude of the student toward the College, i. e., whether or not he has proved himself a creditable member of the college community, as shown by regularity in attendance, promptness in the fulfillment of his obligations, earnestness in his endeavors to profit by the college opportunities, and in consideration of high standards in social and moral conduct.

The whole record of each student will be surveyed at the end of each semester with reference to his conduct in the community as well as his academic attainments. If the student's conduct has been unsatisfactory and is likely to remain so, the administration will consider whether the student is justifying his candidacy for a college degree. Students who do not show promise of accomplishment or good citizenship will not be allowed to continue. *It is expected that a student who earns credits at Bethany College must satisfy the faculty as to uprightness of character as well as accomplishments in scholarship.*



An Exciting Combat between Jousters
at the Spring Festival



A corner of a Biology Laboratory



A Class in Dramatics



The Bethany Male Chorus

AUTOMOBILES

There is no need for students to maintain automobiles in Bethany. The maintenance of an automobile or motorcycle in Bethany or vicinity without the permission of the college faculty is positively forbidden. Application for permission to keep an automobile at Bethany must be made to the Dean of Students.

STUDENT'S SCHEDULE

A student ordinarily carries fifteen or sixteen credit hours of academic work each semester, but it is possible for a student to carry additional credit hours with the permission of his faculty counselor. It is ordinarily expected that no student will carry more than nineteen credit hours in any one semester.

COURSE CHANGES

Courses should not be changed or dropped except within the first week at the start of any one semester. At other times a change can be made in courses or schedule with the consent of the instructors concerned, the student's counselor, and either the Dean of the Faculty or the Dean of Students. After the first week it is possible for a student to secure permission to drop a course only if the counselor and the Deans feel that the best interests of the student will be served by such procedure, but permission will not be granted without adequate reason and approval.

CLASS ABSENCES

Students are expected to attend all class or laboratory meetings of a course and to participate in any outside activities which are part of the course. The final decision as to approving absences which may be required by illness or urgent matters of any kind is in the hands of the instructors concerned.

Proper penalties or requirements may be imposed by an instructor for absences of any kind. In all cases class attendance is essential if the student is to get the maximum benefits. In case of excessive absences endangering academic work the Dean of Students or the Dean of the Faculty will be advised by the instructor.

PENALTY FOR LATE REGISTRATION

Students in attendance during any semester must register on the opening day of the following semester, if they desire to continue their work. A charge is made for each day of delay in registration up to a total of three days. Class absences will be counted against the student for all days missed. This rule does not relate to students entering for their first semester.

WITHDRAWAL

An honorable discharge will be granted to any student who is in good standing and is not subject to discipline, who may desire to withdraw from the College, if he has satisfied his counselor and a responsible officer of the College that there is good reason to justify such action. Students asking to withdraw should present such a request to the Faculty Counselor in writing with a statement of approval from parent or guardian. The recommendation of the counselor should then be presented to the Dean of Students for final approval and record. No withdrawal will be considered complete until this procedure has been completed.

FINAL EXAMINATIONS

All students are required to take the final examination in each course for which they are registered. Seniors who are taking the comprehensive examination in the field of concentration are excused from final examinations in all courses of the semester in which the comprehensive examination is taken.

SPECIAL EXAMINATIONS

A student who has been marked "con", conditional failure, in any course at the end of the semester may, with the consent of the instructor, be given an opportunity to take a second examination on the payment of the special examination fee. A student justifiably absent from a final examination may have a special test upon the payment of the special examination fee. Fees for special examinations must be paid at the office of the Bursar before the examinations are taken. The Bursar's receipt must be presented to the instructor at the time of the examination and delivered by the instructor to the Registrar together with the grade given the student.

GRADING SYSTEM

The standing of a student in any course pursued is reported by letters. The meaning of the letters is as follows:

- A. Excellent. The letter "A" is used to denote work of unusual merit. This grade carries four quality points for each semester hour of credit.
- B. Good. This letter is used to show appreciation and grasp of the subject that is distinctly above the average and very satisfactory. This grade carries three quality points for each semester hour of credit.
- C. Average. This letter signifies the grade of work done by an average student. It is expected that between fifty and sixty per cent of grades given will be "C". This grade carries two quality points for each semester hour of credit.

- D. Inferior. This letter denotes work below the average. It shows a lack of application or of ability to grasp the subject. This grade carries one quality point for each semester-hour of credit.
- Con. This abbreviation denotes conditional failure. The student is granted the privilege of taking an examination to remove the condition, or, in case of a continuous course, it may be automatically removed if the student makes a grade of "C" or better the following semester. Failure to do so within the following semester will result in the grade being changed to "F". Regardless of the manner of removing the condition, no grade higher than "D" will be allowed.
- Inc. This abbreviation denotes work not completed as a result of sickness or some other justifiable reason. An incomplete mark should be removed by the end of the fourth week in the following semester, unless an extension of time is granted. It is not possible for a student to remove an incomplete mark after twelve months.
- F. Failure. The letter "F" denotes work that is definitely unsatisfactory and the course not passed. This grade carries no quality points.
- W. Withdrawn.

A report of the scholastic standing of students is received at the Office of the Dean of Students at the mid-semester time in addition to the final semester reports. These reports are sent to the faculty counselor of each student and to parents or guardian.

INITIATION

Students shall not be initiated into any fraternity or sorority until they have satisfied the entrance requirements of the college, have fifteen hours of resident academic work completed and have a cumulative scholarship index of 2.00. Freshmen are eligible for pledging to a fraternity after they have been in residence for one-half of a semester. By action of the Pan-Hellenic Board, a scholarship index of 2.00 is required for pledging to any sorority. There is no established requirement for pledging to a fraternity.

CLASSIFICATION OF STUDENTS

The classification of students is determined according to the following plan: For sophomore rank a student must have at least twenty-five hours of academic credit and fifty quality points. Admission to the upper division or full junior standing is conditioned upon the student having at least sixty hours of academic credit and one hundred and twenty quality points; and he must have passed the Sophomore General Examination. For senior class rank the student must have at least ninety-four hours of academic credit and one hundred and eighty-eight quality points.

No student is considered as a candidate for the baccalaureate degree until he has been granted senior classification, until he has filed an Application to Take the Comprehensive Examination in the Field of Concentration, and until he has filed an Application for a Degree.

PROBATION

The term "on probation" is applied to students who are allowed to continue in college after having failed to meet the standards expected by the faculty and administration.

Students may be placed on probation for any of the following causes, or a combination of them:

- Unsatisfactory scholastic record;
- Unsatisfactory class attendance;
- Unsatisfactory deportment.

Probation will serve as a serious warning to the student, and to the parents or guardians, that the student's total record is unsatisfactory and that significant improvement is expected and required.

Students on probation may be declared ineligible for participation in athletic or other student activities. A student on probation is not eligible to receive any grant from college scholarship or loan funds while on probation. Any student who is on probation and does not give evidence of significant improvement within a reasonable time will be required to sever his connection with the College.

TRANSFER OF RECORDS

Students wishing to transfer from Bethany College to another institution should request the Dean of Students or Registrar to send an official transcript of record and notice of honorable dismissal. One transcript is furnished for each student without charge; for each additional transcript a fee of one dollar is charged, which fee is to accompany the request. All financial obligations to the college must be paid before a transcript can be issued. The request should be made at least one week before the transcript is needed.

SUMMER COURSES

Credit will be given for a limited amount of work done in the summer session of an approved college or university provided the courses taken are appropriate to the liberal arts curriculum and grades earned are entirely satisfactory. Permission for summer study must be secured in advance from the Dean of Students or the Registrar.

JUNIOR YEAR ABROAD

Specially qualified students may substitute for the work of the junior year in college a year of study in Europe or England, under

proper supervision and direction. To be eligible for the junior year abroad, the student ordinarily must have an average grade of "B" or over in the work of three semesters. Each application must be approved by the faculty. Any student who may wish to avail himself or herself of this opportunity should present the request in writing to the Committee on Admissions and Classifications before the end of the second semester of his or her sophomore year.

CHANGES IN REGULATIONS

The College reserves the right to amend the regulations covering the granting of degrees, the courses of study and the conduct of students. Membership in Bethany College and the receiving of a degree are privileges, not rights. *The College reserves the right, and the student concedes to the College the right, to require the withdrawal of any student at any time without explanation.*

Student Organizations and Activities

STUDENT CAMPUS LIFE

Generally recognized as one of the advantages of Bethany is its rich campus life with many and varied undergraduate interests. It grows naturally out of friendly relationships between students and faculty and gives expression to the desires of the individual student.

STUDENT GOVERNMENT

The government and direction of student interests and student activities is the responsibility of the Student Board of Governors elected by the student body as a legislative and executive body. Matters pertaining to athletics, student publications, social affairs and general student interests are given attention. A part of the General Fee is used by this board for the various student organizations. The board cooperates with the college administration in building an intelligent appreciation of social responsibility in college community life.

The Association of Women Students, of which every woman student is automatically a member upon her entrance into college, gives the college woman a fuller opportunity for experience in leadership and for sharing with the College the responsibility for her conduct.

RELIGIOUS LIFE

One of the expressed aims of the College is "To provide higher education in an atmosphere sympathetic to Christian ideals and Christian faith and to conserve and develop the moral character and religious life of its students." This aim is meant to bear upon instruction, counseling, and social life as well as formal religious services.

The student assemblies on Tuesday of each week are designated as Religious Chapel. Attendance is obligatory for all students. The Chapel Services are planned by a committee of faculty and students. The program consists of a brief devotional service and a short address on some vital religious matter.

Every effort is made to make these Chapel services non-sectarian. Representatives of the Protestant, Catholic and Jewish faiths are included in the visiting speakers. The devotional services make use of materials from the religious traditions of all three faiths.

The Student Congregation

Many of the students at Bethany College find an opportunity for expression of their religious faith in the Bethany Memorial

Church. Students may affiliate as Student Members at the church and participate in what is known as the Student Congregation. Any student who is a member of a church in his home community is eligible for membership in the Student Congregation.

The program for students at the church is planned and carried out by the Student Church Board, a group of 24 students elected by the Student Congregation at its annual dinner each spring. This program includes a College Class for Bible study and group discussion on religious themes, morning worship each Sunday morning, and special Sunday evening activities of varying types throughout the college year. The church choir is made up of students under the direction of the music department of the College.

The minister of the Bethany Memorial Church, who also serves as college chaplain, is available to students for counseling and advice on personal and religious matters.

Student Christian Association

The Student Christian Association is a campus organization of students of all faiths who band themselves together for a varied program of conferences, meetings, and study groups in the field of Christian faith, social responsibility, and international good-will. The Association is affiliated with the Student Christian Movement, and sends delegates to national student conferences. It also cooperates in the special religious activities that are conducted during the college year, such as CLEW, Lenten Vesper Services, and Pre-Easter Noon-Day Devotions.

Christian Living Emphasis Week

Christian Living Emphasis Week, more familiarly known as CLEW, operates under the direction of a Campus Committee of students and faculty. CLEW brings to the campus nationally known leaders of various faiths. Chapel services, class periods, residence halls, fraternity and sorority houses are thrown open to these leaders in an effort to convince each student of the importance of religion in life. Special "Bull Sessions," discussion groups, and personal conferences are also a part of the program.

Easter Devotionals

A student committee of representatives from the Student Congregation of the Bethany Church and the Student Christian Association plans and presents a series of noon-day devotional services throughout the week before the Easter vacation. Music, art, devotional material, and drama are used to provide a background for a personal experience of worship.

Course In Bible Study

Six hours of Bible required of all students qualifying for graduation may be chosen in the field of Old or New Testament. Most of the students take one semester of Old Testament and one semester of

New Testament. This study is intended to be a sympathetic and non-sectarian approach to the study of the Bible, which has been a recognized textbook at Bethany College since its founding.

Ministerial Association

Students who are preparing for a life work in the Christian Ministry or missionary service or religious education are invited to become members of the Ministerial Association. Meetings are held throughout the college year in which matters relating to the field of Christian service and the church are discussed.

MUSIC

Choir

The college choir sings each Sunday morning at the Bethany Memorial Church and gives special programs, in and away from Bethany, including oratorio, cantata and miscellaneous works. Membership is open to all students accepted by the director.

Male Chorus

The male chorus promotes the interest in the student body in indigenous college songs and also cultivates a taste for choral music in its higher aspects. Outside appearances are included in the chorus activities.

Orchestra

For students who have a proficiency on orchestral instruments the college orchestra gives ample scope for the exercise of talents. Membership is gained by satisfactorily passing an examination given by the director. Several concerts are given during the year and music is furnished for some of the dramatic performances. An opportunity is given to able students wishing to perform with the Wheeling Symphony Orchestra.

Band

All students who show by examination a sufficient mastery of their instrument for the type of music to be played are invited to play in the college band. This group performs both on and off the campus.

DRAMATICS

Two organizations are open to students interested in Dramatics; the Theatre Guild of open membership; and a chapter of the national dramatic fraternity, Alpha Psi Omega, in which students may become members by meeting the national requirements.

ATHLETICS AND RECREATION

Intercollegiate athletics is considered an integral part of the Physical Education program. It is promoted to furnish those students with a high degree of skill in a variety of physical activities an opportunity to compete with students from other institutions with similar standards. Through such competition students should develop confidence, perseverance, courage, emotional control and a spirit of cooperation.

Intercollegiate sports at Bethany College include football, basketball, baseball, track, tennis, cross country, and swimming. Membership is held in the West Virginia State Intercollegiate Conference. Games and meets are regularly scheduled with colleges in neighboring states.

Healthful athletic recreation is provided for the entire student body by a very complete intramural program which includes a complete schedule of team sports. This program is supervised by the Director of Intramural Athletics, a member of the staff in the Department of Physical Education.

The Women's Athletic Association encourages the participation of all women in a physical education and recreation program. Facilities are provided for basketball, volley ball, tennis, hockey, speedball, swimming, and archery. The W. A. A. sponsors an invitational Play Day for students of area high schools and in addition, is host to delegations from tri-state colleges several times during the college year.

All athletics and physical recreation are under the supervision of the Athletic Board of Control, which is made up of the faculty committee on athletics, and four members of the student body selected by the Student Board of Governors.

PUBLICATIONS

Student journalistic ventures consist of a weekly newspaper, the *Bethany Tower*, and the college year book, the *Bethanian*. These publications are edited and published by the Student Board of Publications, which in turn reports to the Student Board of Governors.

Pi Delta Epsilon, National Journalism Fraternity, is active on the campus with the prime purpose of perpetuating efficient student publications and working for the advancement of journalism in extra-curricular life. The managerial personnel for the student publications is usually found in Pi Delta Epsilon.

FRATERNITIES

Nine national social fraternities and sororities have active chapters at Bethany College.

The fraternities for men are: Alpha Sigma Phi, Beta Theta Pi, Kappa Alpha, Phi Kappa Tau, and Sigma Nu. The sororities for women are: Alpha Xi Delta, Kappa Delta, Phi Mu, and Zeta Tau Alpha.

The Inter-Fraternity Council, composed of representatives from each of the fraternity chapters, acts as the coordinating agency in fraternity affairs and activities. The Pan-Hellenic Board directs the activities and rushing season for the sorority chapters.

CLUBS AND ASSOCIATIONS

Several active clubs and societies are sponsored by various departments in the college. The nature of the French Club, Sociology Club, Chemistry Club, German Club, Spanish Club, Economics Club, International Relations Club, Psychology Club and Radio Club is explained by their titles. Papers dealing with appropriate topics are presented by students, faculty members and out-of-town speakers.

Young men and women of the student body preparing for full time Christian Service are eligible for membership in the Ministerial Association.

The H. T. McKinney Chapter of the Future Teachers of America was chartered at the college in the fall of 1942.

A chapter of Student Affiliates of the American Chemical Society was founded at Bethany in 1948.

Beta Beta Beta, a nationally affiliated honorary biology fraternity, was installed at Bethany in April, 1949. The purpose of the fraternity is to stimulate interest in the field of biology.

Course Offerings

EXPLANATORY NOTES

Courses of Instruction are listed by subject matter fields

In numbering of courses, first semester courses have odd numbers and the second semester courses, even numbers. A course having both an odd and even number, as 11-12, runs continuously throughout the year, but may be elected for either semester unless the course is specifically designated "a continuous course." Courses may not be elected unless prerequisites have been satisfied.

The curriculum of the college recognizes the lower and upper divisions in the arrangement of courses. The lower division covers, roughly, the freshman and sophomore years and the upper division, the junior and senior years. Courses in the lower division are numbered from 11 to 49, and those in the upper division from 50 to 100.

The college reserves the right to discontinue classes in which fewer than five students have enrolled at the end of the registration period.

A R T

21 or 22 ART APPRECIATION

Two hours.

A study of art appreciation in everyday living. A survey of the media and expressions of art. Designed especially for elementary teachers. Not offered in 1952-1953.

31-32 INTRODUCTION TO ART

Three hours.

The history of art from prehistoric to modern times; designed to develop understanding and appreciation of the arts of other people.

41-42 GRAPHIC EXPRESSION IN DESIGN, MATERIAL AND METHODS

Three hours.

A study of textile design, drawing, modeling, and pictorial expression. Special attention is given to projects and methods for the elementary teacher. Three two-hour periods per week.

43-44 CREATIVE EXPRESSION IN FINE AND APPLIED ART

Two hours.

(Art in the Elementary School). A study of color, sketching, modeling, designing and pictorial expression. Special attention is given to projects and methods by which the child can display his own creative expressions. Two two-hour periods per week.

46 PRACTICAL ARTS.

Three hours.

A course providing experience in handicrafts such as: weaving, metal work, leatherwork, woodwork, and plastics. Skill is acquired in simple tools to be utilized in teaching elementary children. Not offered in 1952-1953.

51 ART IN THE RENAISSANCE.

Three hours.

The character of the Renaissance movement and its early development; stress is laid on the great personalities in architecture, sculpture, and especially in painting whose production essentially forms and expresses this period of art.

52 ART IN THE TWENTIETH CENTURY

Three hours.

Historical and interpretative discussion of architecture, sculpture, painting and the industrial arts from 1905 to the present; the correlation of parallel developments in these arts is indicated and the significance of contemporary civilization is considered.

BIOLOGY**B. R. WEIMER, *Senior Counselor*****AIMS**

To acquaint the student with the living world around him and the fundamental dynamic life processes; to demonstrate scientific methods of approach to problem solutions; to cultivate an attitude of inquiry and research; to develop laboratory skill in various types of work in zoology; botany and related fields; and to train students as teachers of biology and for certain professional work related to this field.

REQUIREMENTS FOR FIELD OF CONCENTRATION IN BIOLOGY

A minimum of twenty-four semester hours in the department. A minimum of twelve semester hours of chemistry, at least four of which are organic chemistry, is desirable. German or French should be elected to meet the graduation requirement for foreign languages.

Students who plan to teach or become professional biologists should elect the following sequence of courses: Biology 11-12, 31 or 32, 33, 38, 57, 63, 65, 71 or 72, 77 or 78 and 87-88.

Students preparing for work in medicine, dentistry, nursing or as laboratory technicians should elect the following sequence of courses: Biology 11-12, 31 or 32, 33, 63, 76, 77 or 78 and 87-88.

Sequence of courses subject to approval of Senior Counselor.

**REQUIREMENTS FOR FIELD OF CONCENTRATION
IN PRE-MEDICAL TRAINING**

A minimum of twenty hours in the Department of Chemistry which must include Chemistry 11-12, 51-52; sixteen hours in biology, which must include Biology 11-12, 31 or 32. Electives must include eight hours in physics. Sequence of courses subject to approval of Senior Counselor.

11-12 GENERAL BIOLOGY

Three hours.

The fundamental structures and life processes of plants and animals including man, and their important interrelationships. Required of all pre-medical students. (See Physical Education 15 or 16).

31 or 32 COMPARATIVE VERTEBRATE ANATOMY

Four hours.

Comparative anatomy of the representative forms of vertebrates; laboratory study of the comparative anatomy of the shark, *Necturus* and cat. Prerequisite, Biology 11-12. Required of all pre-medical students.

33 HEREDITY AND EUGENICS

Two hours.

Modern theories and laws of heredity and their relation to man. Not offered in 1952-1953.

35 or 36 FIELD ZOOLOGY

Two hours.

Primarily a field study of the taxonomy, ecology and natural history of local animal life. Not offered in 1952-1953.

38 PLANT ECOLOGY AND LOCAL FLORA Two hours.

Identification of the common seed plants and ferns by the use of manuals and the study of the relation between plants and their environment. Prerequisite, Biology 11-12 or a course in biology at secondary school level.

44 OUR OUTDOORS One hour.

Field study of man's natural environment from the standpoint of geology and biology. Estimated cost of the course to the student exclusive of tuition, including field trips, food and incidentals: \$5.00 to \$8.00. Enrollment limited to fifteen. Not open to freshmen.

57 ADVANCED GENERAL BOTANY Three hours.

The structural relationships of various type forms of the plant kingdom together with a study of the fundamental life processes of plants; growth, irritability, food synthesis and metabolism. Prerequisite, Biology 11-12.

63 BACTERIOLOGY Three hours.

Morphology and physiology of yeasts and bacteria; principles of laboratory technique; cultural characteristics and environmental influences on bacterial growth.

**64 INDUSTRIAL BACTERIOLOGY
AND CLINICAL METHODS** Three hours.

The bacteriology of water and milk; general food bacteriology; some study of the elementary techniques in clinical methods such as blood work and urine analysis. Practical laboratory assignments and occasional lectures. Recommended prerequisite, Biology 63.

65 or 66 INVERTEBRATE ZOOLOGY Three hours.

The invertebrate animals including phylogeny and morphology. A laboratory study of representative forms of invertebrates will be made. Prerequisite, Biology 11-12. Alternates with Biology 71 or 72.

67 or 68 MARINE BIOLOGY Four to six hours.

Credit may be given for summer courses taken at the Marine Biological Station at Woods Hole, Massachusetts or at any other station of similar rank.

71 or 72 PHYSIOLOGY Three hours.

Structure and functions of the human body; the mechanism of bodily movements, responses, reactions and various physiological states. Prerequisites, Biology 11-12 and 31 or 32. Alternates with Biology 65 or 66.

76 HISTOLOGY Three hours.

Structure of the cell and its modification into various tissues with special attention to the theory and practice of general histological technique. Prerequisites, Biology 11-12 and 31 or 32. Alternates with Biology 77 or 78.

77 or 78 VERTEBRATE EMBRYOLOGY Four hours.

Nature and development of the tissues and organs in vertebrates; embryos of chick and pig studied in the laboratory. Prerequisites, Biology 11-12 and 31 or 32. Alternates with Biology 76. Not offered in 1952-1953.

83 or 84 SEMINAR IN BIOLOGY One hour.

A survey of the fields of biology and the current literature relating to investigations in those fields. Prerequisites, Biology 11-12; 31 or 32; 33 and 77 or 78. Open only to upper division students. Required of all biology majors.

**85 METHODS AND MATERIALS IN
TEACHING BIOLOGY**

Two hours.

The aims and methods of teaching biology in the secondary schools. Special attention will be given to general laboratory procedure and technique. Prerequisite, sixteen hours in the department and upper division rank.

87-88 INDEPENDENT STUDY IN BIOLOGY

One to three hours.

Designed for those students who desire to do independent study in some special field. The field of study may be selected by the student, subject to the approval of the Head of the Department, according to interest and future needs.

91-92 HONORS COURSE

One to three hours.

Advanced theoretical and experimental work in biology; an introduction to research. Prerequisites, Biology 11-12; 31 or 32; 33 and 77 or 78. Enrollment limited to seniors of superior ability and achievement with permission of the Head of the Department.

CHEMISTRY

C. F. BROWN, *Senior Counselor*

AIMS

To contribute to the student's general culture, his understanding of the nature of the physical world and his understanding of the place of chemistry in industrial and business life; to provide training in the scientific method of reasoning; and to provide students concentrating in this field, with a thorough and practical training in chemistry which may be useful in industrial, technical or educational work.

REQUIREMENTS FOR FIELD OF CONCENTRATION IN CHEMISTRY

A minimum of thirty-two semester hours in the department. Students who plan to become professional chemists or to enter graduate work in chemistry, should elect Chemistry 11-12, 31-32, 51-52, 67-68, 71-72, 75-76, and 83-84; Physics 31-32; Mathematics 11-12, 31-32. Students planning to select chemistry as their field of concentration should enroll in Chemistry 11-12 and Mathematics 11-12 in their freshman year; in the sophomore year, Chemistry 31-32 and Physics 31-32. German or French should be elected to meet the graduation requirement for foreign languages. Sequence of courses subject to approval of Senior Counselor.

11-12 GENERAL CHEMISTRY

Four hours.

Planned to conform to American Chemical Society standards. Prerequisite to all other chemistry courses. Prerequisite, two units of mathematics or concurrently with Mathematics 11-12.

31 QUALITATIVE ANALYSIS

Four hours.

A standard course in qualitative analysis for professional chemists and engineers. Prerequisites, Chemistry 11-12 and Mathematics 11-12.

32 QUANTITATIVE ANALYSIS

Five hours.

A standard course in quantitative analysis for professional chemists and engineers. Chemistry 31 should precede this course whenever possible. Prerequisites, Chemistry 11-12 and Mathematics 11-12.

34 QUANTITATIVE ANALYSIS

Four hours.

A standard course in quantitative analysis designed for pre-medical students and those curricula requiring only four semester hours of quantitative analysis. Lecture material is equivalent to that in Chemistry 32. Prerequisites, Chemistry 11-12 and Mathematics 11-12.

51-52 ORGANIC CHEMISTRY

Four hours.

A standard course in organic chemistry. The laboratory work consists of preparations and an introduction to organic qualitative analysis. Prerequisites, Chemistry 11-12 and 31 or 32 or 34.

67-68 INDUSTRIAL CHEMISTRY

Three hours.

A course designed to teach the unit operations of selected industries. Theory and practice will be taught by lecture, supplemented by selected field trips to various industrial plants. Prerequisites, Chemistry 11-12, and 51-52. Alternates with Chemistry 73 and 85.

71-72 ADVANCED ORGANIC CHEMISTRY

Four hours.

Designed to present advanced material not given in Chemistry 51-52. Required of professional chemists and engineers. Enrollment limited to advanced students and with permission of the Head of the Department. Prerequisite, Chemistry 51-52.

73 or 74 PHYSICAL CHEMISTRY, PRE-MEDICAL

Four hours.

A brief introduction to selected areas of physical chemistry for pre-medical students. Not accepted as part of the requirements for chemistry majors. Prerequisites, Chemistry 11-12, 31-32 or 34. Alternates with Chemistry 67. Not offered in 1952-1953.

75-76 PHYSICAL CHEMISTRY

Four or five hours.

A standard course in physical chemistry for professional chemists and engineers. Prerequisites, Chemistry 31-32, 51-52, Physics 31-32 and Mathematics 31-32.

83-84 SEMINAR IN CHEMISTRY

One hour.

A survey in the fields of general, analytical, organic, and physical chemistry; also the current literature relating to investigations in these fields. Prerequisites, Chemistry 11-12, 31-32 or 34, 51-52. Required of all students with a Field of Concentration in Chemistry.

**85 METHODS AND MATERIALS
IN TEACHING CHEMISTRY**

Two hours.

The aims and methods of teaching chemistry in the secondary schools. Special attention will be given to general laboratory procedure and technique. Prerequisites, sixteen hours of chemistry and junior or senior rank. Offered in alternate years.

87-88 INDEPENDENT STUDY IN CHEMISTRY

One to three hours.

Designed for those students who desire to do independent study in some special field. The field of study may be selected by the student, subject to the approval of the Head of the Department, according to interest and future needs.

91-92 HONORS COURSE

One to three hours.

Advanced theoretical and experimental work in chemistry; an introduction to research. Enrollment limited to seniors of superior ability and achievement with permission of the Head of the Department.

ECONOMICS AND BUSINESS ADMINISTRATION

R. H. KYLER, *Senior Counselor*

AIMS

The courses are intended to provide all students with the background necessary for a better understanding of current economic and social problems and to prepare them for intelligent citizenship; to train students effectively for responsible positions in the world of business; to lay a thorough foundation for graduate study and teaching in the field.

REQUIREMENTS FOR FIELD OF CONCENTRATION IN ECONOMICS

A minimum of thirty hours in the Department of Economics and Business Administration which must include Economics 31, 32, 45, 47 or 48, 83, 84 and nine hours at upper division level. Recommended courses include Economics 59, 76, 77. Sequence of courses subject to approval of Senior Counselor.

REQUIREMENTS FOR FIELD OF CONCENTRATION IN BUSINESS ADMINISTRATION

A minimum of thirty hours in the Department of Economics and Business Administration which must include Economics 31-32, 45-46, 47 or 48, 83-84 and nine hours at upper division level. Recommended courses include Economics 58, 59, 71 or 72, 75. Sequence of courses subject to approval of Senior Counselor.

REQUIREMENTS FOR FIELD OF CONCENTRATION IN MERCHANDISING

A minimum of twenty-four hours in the Department of Economics and Business Administration which must include Economics 31-32, 45, 47 or 48, 52 or 54, 83-84; six hours selected from the following: Journalism 53; Psychology 57, 74; and Personnel Administration 78. Sequence of courses subject to approval of Senior Counselor.

11 or 12 BUSINESS ORGANIZATION AND MANAGEMENT

Three hours.

For beginning students of business administration; intended to give a survey of the general field of business including production, marketing, retailing, salesmanship, personnel administration, insurance, corporation finance, taxation and banking. Open to freshmen.

13 or 14 AMERICAN ECONOMIC HISTORY

Three hours.

For beginning students of economics; intended to provide the necessary historical background of present economic and business conditions with special emphasis on the economic development of the United States. Open to freshmen.

31-32 PRINCIPLES OF ECONOMICS

Three hours.

The fundamentals of economics; their application to economic, social and political conditions of today is stressed with the purpose of giving the student the approach to an intelligent outlook on current problems. This course is a prerequisite for all upper division courses in this department. Not open to freshmen.

41 or 42 PERSONAL FINANCE

Three hours.

Checking accounts, charge accounts, installment buying, planning a budget, financing a home, investing in securities, buying insurance, making a will, starting a business, and other financial problems confronting the college graduate. Designed for students majoring in other departments. Not

open to freshmen. Registration with permission of the Head of the Department.

45-46 INTRODUCTION TO ACCOUNTING Three hours.

Principles and methods of accounting for different types of business organizations. This course is an indispensable foundation for general business training. Not open to freshmen.

47 or 48 ELEMENTARY BUSINESS STATISTICS Three hours

Statistical principles and their practical application in the administration of modern business; nature, collection and organization of data; presentation of data in tabular and graphic form; the various averages; measures of dispersion; construction and use of index numbers.

51 PRINCIPLES OF MARKETING AND DISTRIBUTION Three hours.

The marketing function of the manufacturer, wholesaler, jobber, retailer, mail-order house, chain store and other marketing institutions; cost of distribution; problems of marketing management and planning; modern trends in marketing. Prerequisites, Economics 31-32 and 45. Offered in alternate years.

52 RETAIL MERCHANDISING Three hours.

Purchasing, receiving and pricing merchandise with emphasis on the retail store and other retail establishments; stock control, sales promotion, retail personnel, credit and collection, retail advertising and accounting survey. Prerequisites, Economics 31-32 and 51. Offered in alternate years.

54 PERSONAL SELLING AND SALES MANAGEMENT Three hours.

A presentation of current sales principles and practices with a preparation of the sales talk, the use of the sales talk, the use of the sales portfolio; analysis of demand and a study of the personal characteristics of the successful salesman. Prerequisites, Economics 31-32 and 51. Offered in alternate years. Not offered in 1952-1953.

55 or 56 INSURANCE PRINCIPLES AND PRACTICES Three hours.

The principles and practices of the more important forms of insurance; the study of individual coverages or of individual departments of insurance work with an appreciation of their importance and of their interrelationships. Prerequisites, Economics 31-32 and 45. Offered in alternate years.

57 CORPORATION FINANCE Three hours.

The corporation and its development and place in modern industry; the principles and phenomena which rise out of the acquisition and utilization of capital for business purposes. Prerequisites, Economics 31-32 and 45. Offered in alternate years.

58 BUSINESS LAW Three hours.

The basic principles of American business law and their application to concrete situations; the study of the law as a necessary instrument for the business man; modern trends in business law. Problems from actual controversies are used. Prerequisites, Economics 31-32 and 45. Offered in alternate years.

59 MONEY, CREDIT AND BANKING Three hours.

The principles of monetary and banking theory as they exist at present and a survey of banking practices, intended to give a thorough understanding of contemporary money, credit, and banking problems. Prerequisites, Economics 31-32 and 45. Offered in alternate years. Not offered in 1952-1953.

67-68 INTERMEDIATE ACCOUNTING**Three hours.**

Theory and practice of valuation of assets and liabilities; inventories, consignments, installment sales, investments, funds, reserves and related accounting problems; analysis and interpretation of financial statements. Prerequisites, Economics 31-32 and 45-46. Offered in alternate years.

71 or 72 PUBLIC FINANCE AND TAXATION**Three hours.**

A survey of the principles of government finance combined with a thorough study of the federal tax system. Prerequisites, Economics 31-32 and 45.

74 INDUSTRIAL MANAGEMENT**Three hours.**

The scientific management movement; location and layout of industrial plants; types of organization; standards of operation; purchasing and inventory control; wage payment plans; production control; research and inspection problems. Prerequisites, Economics 31-32 and 45-46. Offered in alternate years. Not offered in 1952-1953.

75 LABOR PROBLEMS**Three hours.**

(Personnel Administration 75). The position of the wage earner in modern industrial society; policies, methods and objectives of organized labor; meaning and determinants of labor supply and employment; sub-standard workers; quest for security; union recognition; social and economic objectives of industrial democracy. Prerequisites, Economics 31-32.

76 HISTORY OF ECONOMIC THOUGHT**Three hours.**

Outstanding writers and their ideas are studied in relation to the conditions that led to important changes and developments in economic thinking; current trends of thought. Primarily for seniors who plan to do graduate work in economics. Offered in alternate years.

77 ADVANCED ECONOMIC THEORY**Three hours.**

An analysis of the theories of value and distribution with emphasis on the forces affecting price and output policies of firms under conditions of competition, monopolistic competition, and monopoly; economic theory applied to current problems on an advanced level. Primarily for seniors who plan to do graduate work in economics. Offered in alternate years.

78 PERSONNEL MANAGEMENT**Three hours.**

(Personnel Administration 78) Procedures, activities and evaluation of personnel management and industrial relations in business and industry; selection and placement; job analysis and evaluation; training and promotion; job satisfaction; wage theory and procedures; manpower utilization; labor-management relations. This course presupposes some knowledge of psychology and statistical method. Offered in alternate years.

80 GOVERNMENT AND LABOR**Three hours.**

(Personnel Administration 80). The role of government in mediation, investigation and arbitration of labor disputes; regulatory and protective legislation; legislative and judicial appreciation of the economic, social and political problems involved. Reading and independent study. Prerequisite, Economics 75 and permission of instructor. Offered in alternate years. Not offered in 1952-1953.

**83-84 SEMINAR IN ECONOMICS AND
BUSINESS ADMINISTRATION****Three hours.**

Economic and business problems are studied on an advanced level for the purpose of supplementing and correlating work done in other courses. Required of all students with Fields of Concentration in Economics or

Business Administration. Registration with permission of the Head of the Department.

87-88 INDEPENDENT STUDY IN ECONOMICS AND
BUSINESS ADMINISTRATION

One to three hours.

Designed for students who desire to do independent study in some special field. The field of study may be selected by the student, subject to the approval of the Head of the Department, according to interest and future needs.

91-92 HONORS COURSE

One to three hours.

Advanced projects and minor research studies. Readings, conferences, and reports on a field of special interest. Enrollment limited to seniors of superior ability and achievement with permission of the Head of the Department.

EDUCATION

W. C. GARLAND, *Senior Counselor*

AIMS

This department seeks to develop in all students a wholesome and intelligent attitude toward public education; to cultivate thinking about problems in education; to integrate its work with that of other departments in a well-rounded liberal and professional education of prospective teachers who may qualify for teaching in Ohio, Pennsylvania, West Virginia and other states, and to offer some technical preparation for guidance work.

REQUIREMENTS FOR FIELD OF CONCENTRATION IN EDUCATION

A minimum of twenty-four hours in the Department of Education; a minimum of six hours in the Department of Psychology. Sequence of courses subject to approval of Senior Counselor.

TEACHER TRAINING

Students who are interested in teaching should confer with the Head of the Department of Education as early as possible, preferably during the freshman year and not later than the beginning of the upper division work.

21 INTRODUCTION TO ELEMENTARY EDUCATION Three hours.

A survey of the opportunities, supply and demand for the elementary teacher . . . its aims, organization, and procedures. This course is designed to acquaint students with the importance of the child's social development at the elementary level.

22 PRINCIPLES OF ELEMENTARY EDUCATION Three hours.

(School Management). A study of the modern practices in the elementary school with emphasis on organization, school management, and the classification of the elementary pupils.

31-32 HUMAN GROWTH AND DEVELOPMENT Three hours.

The understanding and appreciation of individual and group development from infancy up to adolescence during the first semester and during adolescence the second semester; the type of school which best meets the needs and interests of children and youth; observations and first hand contacts with children. Classroom discussion of carefully selected motion pictures showing how children develop.

51 HISTORY AND PHILOSOPHY OF EDUCATION Three hours.

Educational theory and practice from the days of ancient Greece to the present. The pivotal aim of the course is to secure an understanding

of contemporary education through a survey of the thinking of great leaders of educational thought, past and present.

52 PRINCIPLES OF SECONDARY EDUCATION Three hours.

The functions and characteristics of the modern high school which can best serve the important needs of American Youth today; current issues and trends; problems of young people today. Some observations of high schools and high school students are required.

56 CHILD AND ADOLESCENT PSYCHOLOGY Three hours.

(Psychology 56). The physical, intellectual, emotional, social, moral, and religious development of the individual in infancy, childhood and adolescence, with special attention to the more serious mental problems of children and adolescents. Prerequisites, Psychology 31-32 or 31 and 59 or 60.

59 or 60 EDUCATIONAL PSYCHOLOGY Three or four hours.

(Psychology 59 or 60). The nature and laws of learning; original nature as conditioning learning; the amount, rate, limit and permanence of improvement; factors and conditions affecting learning; transfer of training; mental fatigue; individual differences; efficient methods of study. Prerequisite, Psychology 31.

61 READING METHODS Three hours.

A study of techniques, skills, and procedures in language arts, reading, speech, and handwriting.

63 STATISTICAL METHODS Two hours.

(Psychology 63). Introduction to statistical concepts and techniques commonly used in psychological, sociological and educational research. Measures of central tendency, variability, reliability, psychological scaling techniques and correlation. Emphasis on interpretation and utility of various concepts. Not open to students who have taken Economics 47 or 48. Not offered in 1952-1953.

64 PRIMARY METHODS Two hours.

A course specially designed to aid student teachers interested in teaching at the primary level. The student is familiarized with a variety of techniques and methods that can be adapted to the primary level.

65 AUDIO-VISUAL EDUCATION Two hours.

Stresses importance of proper utilization of visual and auditory materials and equipment including blackboards, maps, pictures, slides, motion pictures, radio and recordings; where to secure teaching materials; the development of resourcefulness in making use of what one has in a community and school. Students have laboratory experiences with both visual and auditory equipment.

67-68 SKILLS OF SUBJECT AND CONTENT METHODS Three hours.

This course aims to acquaint the teacher with procedures, techniques, and methods essential to teaching the subject and content phases of the elementary curriculum. Attention is given to social studies, science, geography, language, spelling, writing, and arithmetic.

69 or 70 OBSERVATION IN PUBLIC SCHOOLS One hour.

A course designed to provide juniors with the opportunity of observing classroom situations so as to aid them in their preparations for teaching.

72 EDUCATIONAL MEASUREMENTS**Two hours.**

A study of the background of testing; construction of tests by the classroom teacher; evaluation, use and the interpretation of standard measurements and their relation to the educative process.

76 GUIDANCE PRINCIPLES AND PRACTICES**Two hours.**

The purpose, procedures, and techniques of guidance work; the role of the teacher in a guidance program. This course should be elected by students who are planning to enter the field of education as teachers, counselors or administrators.

78 TECHNIQUES OF TEACHING**Two hours.**

Basic methods, materials, and techniques of present day teaching to serve as an introductory course for practice teaching. Recommended for all students who expect to take Education 81 or 82. Required of all students seeking certification in West Virginia in the secondary field.

**79-80 OBSERVATION AND DIRECTED TEACHING IN
ELEMENTARY EDUCATION****Five or six hours.**

This course provides students with the opportunity to observe and teach students at the elementary school level. Students are required to fill out an application for permission to take this course prior to advanced registration. This application requires the recommendation of the student's Senior Counselor. Students should not register for more than sixteen semester hours of academic work, including student teaching during the semester that the course is carried. Student teaching is carried on in elementary schools of Brooke County under critic teachers, and supervised by members of the Department of Education. Prerequisite Education 69 or 70.

**81-82 OBSERVATION AND DIRECTED TEACHING IN
SECONDARY EDUCATION****Six hours.**

Observations, teaching, and participating activities in the public secondary schools; the role of teachers and principals in the administration of the high schools. Students are required to fill out an application for permission to take this course prior to advance registration. This application requires the recommendation of the student's Senior Counselor. Students should not register for more than sixteen semester hours of academic work, including student teaching during the semester that the course is carried. Supervised teaching will be restricted to high schools within a radius of approximately fifty miles from Bethany. Prerequisite Education 69 or 70.

85-86 SPECIAL METHODS IN TEACHING

See courses offered in several departments, viz:

Biology 85

Modern Languages 85

Chemistry 85

Music 85 or 86

English 85 or 86

Physical Education 85

History 85 or 86

Physics 85 or 86

Mathematics 86

Religious Education 86

87-88 INDEPENDENT STUDY IN EDUCATION**One to three hours.**

Designed for those students who desire to do independent study in some special field. The field of study may be selected by the student, subject to the approval of the Head of the Department, according to interest and future needs.

91-92 HONORS COURSE**One to three hours.**

Advanced projects and minor research studies in professional education. Readings, conferences, and reports on a field of special interest. Enrollment limited to seniors of superior ability and achievement with permission of the Head of the Department.

ENGLISH

E. L. McCORMICK, *Senior Counselor*

AIMS

To teach students to read, write, and speak effectively, and to make them aware of the aesthetic, intellectual, and social values to be found in literature.

REQUIREMENTS FOR FIELD OF CONCENTRATION IN ENGLISH

A minimum of thirty hours in the department. English 55, 56, 57, 58, and 83-84 required of all students concentrating in English. Sequence of courses subject to approval of Senior Counselor.

9 or 10 FUNDAMENTALS OF EXPRESSION

No Credit.

A course for students who need help in mastering the fundamentals of good writing. Freshmen deficient in grammar and rhetoric may be required to take this course before enrolling in English 11-12. Enrollment is limited to twelve students. Two class meetings per week, plus conferences.

11-12 WRITTEN AND SPOKEN ENGLISH

Three hours.

First semester emphasizes fundamentals of composition in writing and speaking; review of grammar; instruction in the technique of preparing a research paper. Second semester places greater emphasis on literary types and on content and style in composition.

27-28 STUDY AND APPRECIATION OF ENGLISH AND AMERICAN LITERATURE

Three hours.

A course devoted to literary types and emphasizing an aesthetic approach to literature. An introduction to literature course intended primarily for the general student.

29-30 CLASSIC MYTHOLOGY

One hour.

A detailed study of Greek and Roman mythology and its use in English literature. Recommended for students whose field of concentration is English literature.

33 or 34 ADVANCED WRITTEN AND SPOKEN ENGLISH

Three hours.

Opportunity for advanced writing and speaking, with particular emphasis on content and style in composition.

35-36 AMERICAN LITERATURE

Three hours.

A study of American literature, with emphasis on the works of the chief nineteenth and twentieth century writers.

37 or 38 BACKGROUNDS OF CHILDREN'S LITERATURE

Three hours.

This course aims to familiarize students with a wide variety of literature suitable for children and to help them evaluate children's books.

51-52 WORLD LITERATURE

Three hours.

A study of classical and continental writers, with emphasis on such major figures as Homer, Plato, Sophocles, Dante, Cervantes, and Goethe. Not offered in 1952-1953.

53 or 54 GROWTH AND STRUCTURE OF THE ENGLISH LANGUAGE

Three hours.

An historical study of the language, its grammar, its foreign borrowings, with emphasis on present-day English.

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- 55 OLD AND MIDDLE ENGLISH LITERATURE Three hours.
- 56 THE LITERATURE OF THE ENGLISH RENAISSANCE,
1485-1660 Three hours.
- 57 ENGLISH LITERATURE OF THE RESTORATION AND THE
EIGHTEENTH CENTURY Three hours.
Not offered in 1952-1953.
- 58 THE LITERATURE OF NINETEENTH CENTURY ENGLAND
Not offered in 1952-1953. Three hours.
- 59 or 60 THE NOVEL Three hours.
The development of the novel in English from Fielding to Henry James. Prerequisite, English 27-28 or its equivalent.
- 71-72 THE BIBLE AS LITERATURE Three hours.
(Old Testament 71-72). Origin, development, and literary values of the various types of literature of the Bible.
- 73 or 74 SHAKESPEARE Three hours.
Intensive study of representative plays with assigned reading in Shakespeare criticism. Not offered in 1952-1953.
- 75 MODERN DRAMA Three hours.
A detailed study of the drama since Ibsen. Prerequisite, English 27-28 or its equivalent.
- 77 CONTEMPORARY POETRY Three hours.
British and American poetry by such writers as Yeats, Eliot, Auden, and Frost will be analyzed and discussed. Prerequisite, English 27-28 or its equivalent.
- 79 or 80 ROMANTIC POETRY Three hours.
The poetry of Blake, Wordsworth, Coleridge, Byron, Shelley, and Keats will be studied intensively. Not offered in 1952-1953.
- 83-84 SEMINAR IN LITERATURE One hour.
Required in the senior year of all students who elect English as their field of concentration. Readings in literary history and criticism with practice in analysis and evaluation of literature.
- 85 or 86 METHODS AND MATERIALS IN TEACHING
ENGLISH Two hours.
Analysis and discussion of methods and materials of instruction that have been used most effectively in the teaching of literature and composition in secondary schools. Prerequisite, twelve hours in English in addition to English 11-12. Not offered in 1952-1953.
- 87-88 INDEPENDENT STUDY IN ENGLISH One to three hours.
Designed for those students who desire to do independent study in some special field. Prerequisite, twelve hours advanced work in English.
- 91-92 HONORS COURSE One to three hours.
Intensive study in a field of special interest. Enrollment limited to seniors of superior ability and achievement with permission of the Head of the Department.

GEOGRAPHY AND GEOLOGY

31 or 32 PRINCIPLES OF GEOGRAPHY

Three hours.

The general principles of the science including earth origins, the results of the dynamic geographical agencies tending to change its surface. Practical work in mineralogy, physiography and stratigraphy is required during the courses.

34 HISTORICAL GEOLOGY

Three hours.

The history of the earth as revealed by its strata. Laboratory and field study of the common fossils and local formations. Not offered in 1952-1953.

51 or 52 WORLD GEOGRAPHY

Three hours.

The political and social geography of the world with emphasis on the new map of Europe and Asia. Not offered in 1952-1953.

HISTORY AND POLITICAL SCIENCE

B. C. SHAW, *Senior Counselor*

AIMS

To present the origin and development of institutions and ideas and to point out the great traditions that are moulding our thought and action today; to gain a better perspective of our own political, economic and social structure and to be more aware of the nature and needs of contemporary life. The courses in Political Science are intended to acquaint the student with the political institutions and political problems in the United States and the world today.

REQUIREMENTS FOR FIELD OF CONCENTRATION IN HISTORY

A minimum of thirty hours in the department which must include twelve hours in European History, twelve hours in American History and six hours in Political Science. Sequence of courses subject to approval of Senior Counselor.

EUROPEAN AND WORLD HISTORY

11-12 DEVELOPMENT OF SOCIAL INSTITUTIONS

Three hours.

The development of political, social and cultural institutions from ancient times to the twentieth century, especially as they contribute to an understanding of our own civilization.

27 FUNDAMENTAL SOCIAL PROBLEMS

Three hours.

The recent background and development of the great social, economic and political forces of our own day. Includes the problems of war and peace, democracy and totalitarianism, capital and labor, and the welfare state.

28 FUNDAMENTAL SOCIAL PROBLEMS

Three hours.

(Sociology 28). The impact of social change; the major lags leading to social breakdowns; unemployment, poverty, dependency and disease; various deficiencies and maladjustments; programs for social adjustment.

51-52 MODERN EUROPEAN HISTORY

Three hours.

The political and cultural history of Europe from 1660 to the present.

54 HISTORY OF THE FAR EAST

Three hours.

A survey of the history and civilization of India, China, Japan, and other countries of the Orient. Offered in alternate years. Not offered in 1952-1953.

55 THE HISTORY OF ENGLAND Three hours.

English institutions and the English people from the ninth to the early twentieth centuries. Offered in alternate years.

56 NAPOLEON TO STALIN Three hours.

Selected political and intellectual movements in Europe and Asia in the last hundred and fifty years together with the lives and achievements of outstanding men and women. Offered in alternate years.

73 ANCIENT CIVILIZATION Three hours.

The history of the Near East, Greece, and Rome to the early fifth century A. D. Offered in alternate years. Not offered in 1952-1953.

74 THE MIDDLE AGES AND THE RENAISSANCE Three hours.

European civilization and culture from the fifth to the sixteenth centuries. Offered in alternate years. Not offered in 1952-1953.

76 INTERNATIONAL RELATIONS SINCE 1935 Three hours.

The causes and background of the Second World War; the political aftermath of the Second World War; the United Nations and problems of international cooperation and peace; American foreign policy and Russo-American relations. Offered in alternate years.

AMERICAN HISTORY**13 or 14 AMERICAN ECONOMIC HISTORY** Three hours.

(Economics 13 or 14). The historical background of present-day economic conditions in the United States.

31-32 UNITED STATES HISTORY Three hours.

The political, economic and social growth of America from the period of exploration to the present day.

33-34 THE HISTORY OF PENNSYLVANIA One hour.

Will be taken in conjunction with History 31-32 or another course in American History.

35 or 36 WEST VIRGINIA HISTORY, GOVERNMENT AND GEOGRAPHY Three hours.

The history of the western sections of Virginia to the Civil War and the history and government of West Virginia to the present day. The physical, political and social geography of the state will be included. Offered in alternate years. Not offered in 1952-1953.

57 AMERICAN BIOGRAPHY Two hours.

A seminar course in the study of American biography. Outstanding political and intellectual leaders will be selected for study on a chronological or topical basis. Offered in alternate years.

71 TWENTIETH CENTURY AMERICA Three hours.

A history of the United States since the end of World War I. Emphasis is placed on social history, the depression, the reforms of the New Deal, and the place of the United States in world affairs today. Offered in alternate years. Not offered in 1952-1953.

72 LATIN AMERICA Three hours.

A cultural and political history of Central and South America with emphasis on the period since 1890. Offered in alternate years. Not offered in 1952-1953.

77 THE DEVELOPMENT OF THE AMERICAN NATION Three hours.

A history of the United States from 1828 to 1860. This course will consider the rise of Jacksonian Democracy, the effects of that movement, and the coming of the Civil War. Offered in alternate years.

78 THE AGE OF BIG BUSINESS Three hours.

The political, social, and economic history of the United States from 1865 to 1914. Emphasis is placed on the growth of industrialism during this period and the resulting attempts at social reform. Offered in alternate years.

POLITICAL SCIENCE**55-56 UNITED STATES GOVERNMENT** Three hours.

A study of the structure and functions of the federal and state governments in the United States. Offered in alternate years.

75 POLITICS, PARTIES AND PRESSURE GROUPS Three hours.

A pragmatic approach to the study of United States politics. The party system and the functioning of that system today along with a study of pressure groups and public opinion will be included. Offered in alternate years.

76 ORIGINS OF AMERICAN DEMOCRACY Three hours.

A course in political theory dealing with the classical and European backgrounds of the Declaration of Independence and the Constitution of the United States. The early national period will be studied from a Constitutional approach. Offered in alternate years.

80 GOVERNMENT AND LABOR Three hours.

(Personnel Administration 80). The role of government in mediation, investigation and arbitration of labor disputes; regulatory and protective legislation; legislative and judicial appreciation of the economic, social and political problems involved. Reading and independent study. Prerequisites, Economics 75 and permission of the instructor. Offered in alternate years. Not offered in 1952-1953.

**87 or 88 INDEPENDENT STUDY IN
POLITICAL SCIENCE**

One to three hours.

Individual investigation in some field of government chosen by the student with the approval of the instructor.

HISTORICAL METHODS AND PROBLEMS**83-84 SEMINAR IN HISTORY** One hour.

A study of sources, materials, historical criticism and interpretations of history. Required of all students with a Field of Concentration in History and Political Science.

**85 or 86 METHODS AND MATERIALS IN
TEACHING HISTORY**

Two or three hours.

Designed to aid the prospective high school teacher. Offered in alternate years.

87-88 INDEPENDENT STUDY IN HISTORY One to three hours.

Designed for those students who desire to do independent study in some special field. The field of study may be selected by the student, subject to the approval of the Head of the Department, according to interest and future needs.

91-92 HONORS COURSE

One to three hours.

Advanced projects and minor research studies in history and political science. Readings, conferences, and reports on a field of special interest. Enrollment limited to seniors of superior ability and achievement with permission of the Head of the Department.

JOURNALISM

E. E. ROBERTS, *Senior Counselor*

AIMS

To provide background and technical training for students preparing to do newspaper work or professional writing.

REQUIREMENTS FOR FIELD OF CONCENTRATION
IN JOURNALISM

A minimum of twelve hours of English composition and literature, Journalism 53 and 63 and twelve additional hours in journalism. Sequence of courses subject to approval of Senior Counselor.

53 REPORTING

Three hours.

Techniques and values in news reporting and news writing; emphasis upon learning to write clearly, forcefully and distinctively; writing of daily news stories, weekly features and all types of news copy.

55 ADVERTISING

Three hours.

Department store, financial and business advertising programs; buying motives, sales appeals, copywriting; research, media, and production.

56 ADVANCED REPORTING

Three hours.

Make-up, re-write and copy desk procedure. Prerequisite, Journalism 53 or permission of the instructor.

63 FEATURES

Three hours.

Writing of twenty special features for magazines and trade journals—minimum of 35,000 words.

64 ADVANCED FEATURES

Three hours.

Study of the magazine field with the submission of feature articles written for specific magazines—minimum 50,000 words. Prerequisite, Journalism 63 or permission of the instructor.

66 HISTORY OF AMERICAN JOURNALISM

Three hours.

Journalistic backgrounds, development of American newspapers and magazines from colonial days to the present; a parallel study of advertising and advertising methods which have made modern American journalism possible. Prerequisite, Journalism 53 or 63 or permission of the instructor.

71 RADIO AND PLAY WRITING

Three hours.

A study of modern plays and radio scripts and the actual writing of one-act plays or radio scripts as the student may elect.

72 CONTEMPORARY REPORTING PROBLEMS

Three hours.

Reporting in special fields such as labor, science or business; a study of news releases and much actual writing in these fields—minimum 75,000 words.

73 SHORT STORY

Three hours.

Study of narration and characterization as related to the writing of fiction and the actual writing of twenty short stories to be approved by the instructor—minimum 40,000 words.

74 ADVANCED FICTION

Three hours.

Intensive writing in some field of fiction, selected by the student and approved by the instructor—minimum 100,000 words. Prerequisite, Journalism 71 or 73.

91-92 HONORS COURSE

One to three hours.

Advanced writing projects for students whose field of concentration is Journalism. Enrollment limited to seniors of superior ability and achievement with permission of the Head of the Department.

LIBRARY SCIENCE**41 or 42 INTRODUCTION TO LIBRARIANSHIP**

Three hours.

An overview of the field of librarianship, and library development with suggestion of opportunities for service which the library profession offers.

61 or 62 LIBRARY TECHNIQUE

Three hours.

Library organization and routines; planned to familiarize the prospective library school student with the kind of work and the type of problems undertaken in the professional library school. A laboratory course. Prerequisite, Library Science 41.

71 or 72 LIBRARY ADMINISTRATION

Three hours.

Functions of business management and organization, personnel administration, and statistical analysis applied to the administration of the library. Prerequisites, Library Science 61; Economics 47; and Personnel Administration 66. Not offered in 1952-1953.

MATHEMATICS*B. TYE, Senior Counselor***AIMS**

To give the prospective teacher an understanding and appreciation of the fundamental ideas of elementary mathematics; to provide the general student with a knowledge of the mathematical foundation of our civilization; to provide a tool for the technical student; and to give the prospective graduate student a proper foundation for later study and research.

**REQUIREMENTS FOR FIELD OF CONCENTRATION IN
MATHEMATICS**

A minimum of twenty-four hours in the department, including Mathematics 31-32, and at least twelve hours on upper division level which should include Mathematics 53-54. Students interested in science and engineering should elect Mathematics 71 and 72. Students interested in economics should elect Mathematics 57 and 58. Students interested in mathematics as a teaching subject should elect Mathematics 55 and 56. Two courses in the department should be taken in the senior year. Sequence of courses subject to approval of Senior Counselor.

**REQUIREMENTS FOR FIELD OF CONCENTRATION IN
APPLIED MATHEMATICS**

A minimum of thirty hours with at least eighteen hours in the Department of Mathematics which must include Mathematics 11-12, 31-32, 57, 58 and fifteen hours in the Department of Economics and Business Administration which must include Economics 45-46, 55 or 56, 59, 71 or 72. Recommended courses include Mathematics 53-54 and Economics 57, 58, 67-68. Sequence of courses subject to approval of Senior Counselor.

11 or 14 MATHEMATICAL ANALYSIS

Three hours.

Plane trigonometry, logarithms and the slide rule; linear and quadratic equations; inequalities, progressions and binomial theorem; mathematical induction; analytic geometry of the straight line; determinants. Students enrolling in this course who rank low in the mathematics achievement test for freshmen will be required to attend a special laboratory section until their deficiency is corrected.

12 MATHEMATICAL ANALYSIS

Three hours.

Polar coordinates; DeMoivre's theorem; theory of equations; permutations and combinations; the analytic geometry of second degree curves; quadric surfaces; applications of analytical methods and an introduction to the derivative. Prerequisite, Mathematics 11 or three units of mathematics at the secondary school level, including trigonometry and high standing in the mathematics achievement test for freshmen.

31-32 DIFFERENTIAL AND INTEGRAL CALCULUS

Three hours.

Technique of differentiation and integration with applications and an introduction to infinite series. Prerequisite, Mathematics 11-12.

35 MATHEMATICS FOR TEACHERS

Two hours.

A study of the fundamental principles, concepts, and methods of teaching arithmetic. A course designed to acquaint students with the basic mathematics necessary for teaching in the elementary field. Offered in alternate years.

41 ENGINEERING DRAWING

Three hours.

Free-hand lettering; orthographic projection, including sections and auxiliary views; dimensioning; isometric and oblique projections with emphasis on working drawings. Standard symbols and conventions. Ink and pencil tracings. Offered in alternate years.

42 DESCRIPTIVE GEOMETRY

Three hours.

Principles of projections; non-metric and metric problems; plane sections and developments; intersections of surfaces; construction of perspective drawings. This course achieves an effective correlation between descriptive and analytic geometry by presenting both methods, the graphic and the algebraic.

44 PLANE SURVEYING

Three hours.

Care and use of surveying instruments; field problems; computation and mapping. One hour class and four hours field work each week. Not offered in 1952-1953.

52 MECHANICS

Three hours.

(Physics 52). A treatment of classical mechanics with application of principles and a brief consideration of wave mechanics. Prerequisites, Physics 31-32 and Mathematics 31-32. Alternates with Physics 54.

53-54 ADVANCED CALCULUS

Three hours.

Theory of the derivative and the definite integral; partial differentiation and its applications; Green's and Stoke's theorems; power series; Fourier series; vector notation; complex variable. Prerequisite, Mathematics 31-32. Offered in alternate years.

55 INTRODUCTION TO HIGHER ALGEBRA

Three hours.

Theory of equations; solution of cubic, quartic, and numerical equations; complex numbers and an introduction to the fundamental concepts of algebra — class, group, field, number. Prerequisite, Mathematics 31-32. Offered in alternate years. Not offered in 1952-1953.

56 INTRODUCTION TO MODERN GEOMETRY Three hours.

Euclidean and non-Euclidean geometries; an introduction to synthetic projective geometry; the concept of limit and infinity; geometrical constructions, recent developments and theorems. Prerequisite, Mathematics 31-32. Offered in alternate years.

57 MATHEMATICS OF STATISTICS Three hours.

Frequency distributions; measures of central tendency; dispersion and correlation; regression equations and the theory of probability. Prerequisite, Mathematics 11-12. Offered in alternate years. Not offered in 1952-1953.

58 MATHEMATICS OF FINANCE AND INVESTMENT Three hours.

The operation of interest and annuities; amortization of debts and sinking funds; valuation of bonds; the experience table and calculation of premiums for life insurance. Prerequisites, Mathematics 11; Economics 31-32. Offered in alternate years.

59 SPACE GEOMETRY Three hours.

Advanced methods and problems of analytic geometry of two and three dimensions; the general equation of the second degree; poles and polars; quadric surfaces; determinants. This course includes the concepts of elements at infinity, homogeneous coordinates, line coordinates, cross ratio, transformations, and complex elements. Prerequisite, Mathematics 31-32. Offered in alternate years.

71 DIFFERENTIAL EQUATIONS Three hours.

Methods of solution of ordinary differential equations and their applications to the physical sciences. Prerequisite, Mathematics 31-32. Offered in alternate years.

72 APPLIED MATHEMATICS Three hours.

Applications of ordinary and partial differential equations to problems in physics, chemistry and electricity; vibrating string and heat flow problems; vector calculus and applications. Prerequisite, Mathematics 71. Offered in alternate years. Not offered in 1952-1953.

83-84 SEMINAR IN MATHEMATICS One hour.

Special reports prepared and presented by the student under supervision. The work of the second semester will help prepare the student for the comprehensive examination. Required of all students concentrating in the Field of Mathematics. Open only to seniors.

86 METHODS AND MATERIALS IN TEACHING MATHEMATICS Two or three hours.

Approved methods in teaching mathematics at the secondary level; class period activities of the teacher; procedures and devices in teaching; organization of materials, testing, aims, and modern trends. Open only to juniors and seniors who expect to teach. Offered in alternate years.

87-88 INDEPENDENT STUDY IN MATHEMATICS One to three hours.

Designed for those students who desire to do independent study in some special field. The field of study may be selected by the student, subject to the approval of the Head of the Department, according to interest and future needs.

91-92 HONORS COURSE One to three hours.

Advanced projects and minor research studies. Enrollment limited to seniors of superior ability with permission of the Head of the Department.

MODERN LANGUAGES

E. D. MCKENZIE, *Senior Counselor*

AIMS

To introduce students to the language, literature and culture of France, Germany and the Spanish speaking countries; to provide training in reading facility for students who are interested in scientific or historical study requiring a foreign language as a "tool subject"; and to give adequate training in language, literature and expression to students who are preparing to be teachers, translators or representatives in foreign service.

REQUIREMENTS FOR FIELD OF CONCENTRATION IN FRENCH, GERMAN, OR SPANISH

A minimum of twenty-four hours in the language, not including French 11-12, or Spanish 11-12, with eighteen hours on upper division level. A reading knowledge of one foreign language other than the one chosen as the field of concentration. Students expecting to teach a foreign language must complete Modern Languages 85 or 86. Modern Languages 71 is required in each field. History 51 and 52 are recommended. Sequences of courses subject to approval of Senior Counselor.

REQUIREMENTS FOR FIELD OF CONCENTRATION IN MODERN LANGUAGES

A minimum of eighteen upper division hours in French, German or Spanish; at least six hours on upper division level in a second language, reading knowledge of the third; Modern Language 71. Sequence of courses subject to approval of Senior Counselor.

REQUIREMENTS FOR FIELD OF CONCENTRATION IN COMPARATIVE LITERATURE

A minimum of six upper division hours in one modern foreign language; six hours of the literature of two other modern languages in English translation; nine upper division hours in English Literature including English 73; Modern Language 71. Sequence of courses subject to approval of Senior Counselor.

NOTE

Students who have studied French, German or Spanish before entering college will be given an achievement test at the beginning of the freshman year. Those showing required proficiency will be enrolled in French 31-32, German 31-32, or Spanish 31-32; those of superior attainments may enter a course in the upper division with permission of the Head of the Department.

F R E N C H

11-12 FIRST YEAR FRENCH

Three hours.

Fundamentals of grammar, pronunciation and composition; emphasis on reading. Two hours' laboratory work per week in addition to three hours' classroom work. For students who have no acquaintance with the language.

31-32 INTERMEDIATE FRENCH

Three hours.

Grammar review, composition, dictation, intensive and extensive reading. Prerequisite, French 11-12 or a satisfactory standing in an achievement test.

51-52 CONVERSATION AND COMPOSITION**Three hours.**

Prose composition, syntax and phonetics; dictation, conversation, recordings. Prerequisite, French 31-32 or permission of the Head of the Department. Not offered in 1952-1953.

53-54 NOVEL**Three hours.**

The French novel from its beginning to the twentieth century. Conducted in French. Prerequisite, a reading knowledge of French. Offered in alternate years.

55-56 MODERN DRAMA**Three hours.**

French drama since the seventeenth century. Conducted in French. Prerequisite, a reading knowledge of French. Not offered in 1952-1953.

57-58 HISTORY OF FRENCH LITERATURE**Three hours.**

Survey of French literature from the early periods to the present time. Readings in French from an anthology. Prerequisite, a reading knowledge of French. Conducted in French. Not offered in 1952-1953.

71 SEVENTEENTH CENTURY DRAMA**Three hours.**

Study of the plays of Corneille, Racine and Moliere, as representative of the classical spirit in France. Conducted in French. Prerequisite, a reading knowledge of French; French 65-66 recommended. Offered in alternate years.

72 NINETEENTH CENTURY POETRY**Three hours.**

Study of schools of poetry: Romanticism, Parnassian, Symbolism. Conducted in French. Prerequisite, a reading knowledge of French; French 65-66 recommended. Offered in alternate years.

G E R M A N**11-12 FIRST YEAR GERMAN****Three hours.**

Fundamentals of pronunciation, grammar, reading and composition. Two hours' laboratory work per week in addition to three hours' classroom work. For students who have no acquaintance with the language.

31-32 INTERMEDIATE GERMAN**Three hours.**

Grammar review, composition, dictation, intensive and extensive reading. Special emphasis on outside reading in student's field of concentration. Prerequisite, German 11-12 or equivalent.

51-52 CONVERSATION AND COMPOSITION**Three hours.**

Practical conversation, study of syntax, prose, composition and dictation. Wire recording. Registration with the permission of the Head of the Department. Offered in alternate years. 52 not offered in 1952-1953.

53-54 NINETEENTH CENTURY**Three hours.**

Reading and critical study of the nineteenth century, especially Kleist, Hebbel, Heine, Keller; special emphasis on the drama and the Romantic school. Outside readings and reports. Conducted in German. Prerequisite, a reading knowledge of German. Offered in alternate years. Not offered in 1952-1953.

**57-58 HISTORY OF GERMAN LITERATURE
IN ENGLISH****Three hours.**

German literature from the Hildebrandslied to the twentieth century. Conducted in English. A reading knowledge of German is desirable, but not essential. Offered in alternate years. Not offered in 1952-1953.

73-74 EIGHTEENTH CENTURY

Three hours.

Readings from the works of Lessing, Goethe and Schiller. Conducted in German. Prerequisite, a reading knowledge of German. Outside readings and reports. Offered in alternate years. 73 not offered in 1952-1953.

S P A N I S H**11-12 FIRST YEAR SPANISH**

Three hours.

Fundamentals of pronunciation, grammar, reading and composition. Two hours' laboratory work per week in addition to three hours' classroom work. For students who have no acquaintance with the language.

31-32 INTERMEDIATE SPANISH

Three hours.

Grammar, oral work and reading. Practice in dictation, writing and speaking. Reading of modern prose and plays. Prerequisite, Spanish 11-12 or equivalent.

51 CONVERSATION

Three hours.

Conversation, dictation, recordings and composition. Prerequisite, Spanish 31-32 or equivalent. Not offered in 1952-1953.

52 COMMERCIAL SPANISH

Three hours.

Study of business and commercial Spanish. Conversation and composition. Prerequisite, Spanish 31-32 or equivalent. Not offered in 1952-1953.

57-58 SURVEY OF SPANISH LITERATURE

Three hours.

A general survey of Spanish and Spanish-American literature. Literary masterpieces by representative authors of the classical period, the nineteenth century and contemporary literature. Lectures, readings, and reports. Prerequisite, Spanish 31-32 or permission of the Head of the Department. Offered in alternate years.

73-74 SPANISH LITERATURE IN THE NINETEENTH CENTURY

Three hours.

Development of the drama and novel of the nineteenth century through works of such dramatists as Los Quinteros and Benavente and such novelists as Alarcon, Pereda, Perez Galdos and Palacio Valdes. Conducted in Spanish. Prerequisite, a reading knowledge of Spanish. Offered in alternate years. Not offered in 1952-1953.

MODERN LANGUAGES**71 LINGUISTIC DEVELOPMENT OF MODERN LANGUAGES**

Three hours.

An introduction to comparative philology. The development of English, French, German and Spanish from the Indo-European to modern times. Required of all majors in the department. Open to other students with the permission of the Head of the Department. Offered in alternate years. Not offered in 1952-1953.

83 or 84 SEMINAR

Three hours.

Intensive, integrated study in field of concentration. Geography, history, government, education, science, press, art and music of French, German or Spanish speaking countries. Required of students selecting a field of concentration in Modern Languages.

85 or 86 METHODS AND MATERIALS IN TEACHING**MODERN LANGUAGES**

Two hours.

Study of methods, classroom materials, extra-curricular activities necessary for the teacher of French, German or Spanish. 86 not offered in 1952-1953.

87-88 INDEPENDENT STUDY IN MODERN LANGUAGES

One to three hours.

Designed for those students who desire to do independent study in some special field. The field of study may be selected by the student, subject to the approval of the Head of the Department, according to interest and future needs.

91-92 HONORS COURSE

One to three hours.

Minor research studies. Readings, conferences, and reports on a field of special interest. Enrollment limited to seniors of superior ability and achievement with permission of the Head of the Department.

MUSIC

G. K. HAUPTFUEHRER, *Senior Counselor*

AIMS

To provide opportunity for students to develop an understanding and appreciation of music as a part of general education; to provide a well-balanced pre-professional curriculum for students who intend to become professional musicians; to provide an adequate program of study leading to certification for public school music teaching and supervision, to provide the music courses required for certification for teaching in the elementary schools, to provide opportunity for students to participate in musical groups as a recreational-cultural activity.

REQUIREMENTS FOR FIELD OF CONCENTRATION IN MUSIC

Music 23-24, 31-32, 53-54, 57-58, 84 and eight hours of applied music. Students preparing for the public school music field will take in addition: Music 85 and/or 86, 74 or 75 and/or 76, and if preparing for instrumental teaching, Music 56, and 79-80. Sequence of courses subject to approval of Senior Counselor.

LITERATURE AND THEORY OF MUSIC

11-12 INTRODUCTION TO MUSIC AS AN ART AND SCIENCE

Two hours.

The elements of tonal relationships, simple rhythms, intervals, melodies in both major and minor modes; designed to give the student the ability to recognize, reproduce and record simple melodic and rhythmic patterns.

23-24 THEORY I, II

Four hours.

The theoretical subject fields—harmony, keyboard harmony, sight singing, dictation, ear training, and eurhythmics—are combined in one interdependent and interrelated course. A study is made of the primary chords and those secondary chords which are most common in classical literature. Inversions are studied as the need presents itself in writing a smooth bass line. Linear nature of music is stressed. Written work covered by the end of the year will include harmonization of melody and figured bass, use of triads, dominant seventh and ninth chords with inversions, modulations to near-related keys, and original work in writing smaller song forms, and harmonic analysis of chorals. Sight singing, dictation and ear training help the student clarify and crystallize on paper what he hears. Dictation in two parts. In keyboard harmony figured basses are played at sight, melodies are given accompaniments, modulation to all keys by various means, simple transposition. Five hours a week, both semesters.

31-32 MUSIC APPRECIATION

Three hours.

(The Literature and Appreciation of Music in Human Relations). Designed to give the student an overview of the field of music, leading to an appreciation and enjoyment of the world's great music.

53-54 THEORY III, IV

Four hours.

The work of the first year is continued but includes ninth chords, secondary sevenths, altered chords. More about modulations to extraneous keys. Analysis and keyboard work. Clef reading in sight singing. Initial composition efforts in smaller forms are encouraged. In the second semester more emphasis on the study of contrapuntal techniques, written and analysed. Dictation in four parts. Five hours a week, both semesters.

56 ORCHESTRATION

Three hours.

The beginning principles of instrumentated orchestration, including a thorough understanding of transposing instruments; the problems of writing for such groups of instruments as are most commonly found in the average school or community orchestra. Prerequisite, Music 53. Not offered in 1952-1953.

57-58 MUSIC HISTORY

Two hours.

The historical significance of the main periods and types of music. Requires some technical background. Not offered in 1952-1953.

74 or 75 CHORAL CONDUCTING

Two hours.

The technique of the baton and the different problems to be met in conducting chorus; the introduction to score reading; an opportunity for practical experience through the conducting of the college choral. Offered only to advanced students. Not offered in 1952-1953.

76 INSTRUMENTAL CONDUCTING

Two hours.

The technique of the baton and the different problems to be met in conducting orchestra and band; the introduction to score reading; an opportunity for practical experience through the conducting of the college instrumental groups. Offered only to advanced students. Not offered in 1952-1953.

**79-80 INSTRUMENTAL TECHNIQUE IN THE
PUBLIC SCHOOLS**

Three hours.

The principles, problems, and materials for teaching instrumental music in the public schools. Development of the ability to play simple music on at least one representative instrument of each choir of the orchestra. Not offered in 1952-1953.

84 SEMINAR

One hour.

Survey and review of the field of music; its history, theory and literature. Required of all students concentrating in the field of music. Open only to seniors.

85 MUSIC EDUCATION

Three hours.

(Methods and Materials of Teaching Music in the Elementary Schools). Consideration of the aims and values of elementary school music with opportunities to develop teaching techniques, with emphasis on music education as it applies to the elementary school.

86 MUSIC EDUCATION

Three hours.

(Methods and Materials in Teaching Music in the Secondary Schools). Analysis of music offered in high and junior high schools throughout the United States. Consideration of problems, objectives and materials in teaching vocal and instrumental music, theory and appreciation courses in the secondary schools. Opportunities for developing practical teaching projects.

87-88 INDEPENDENT STUDY IN MUSIC

One to three hours.

Designed for those students who desire to do independent study in some special field. The field of study may be selected by the student, sub-

ject to the approval of the Head of the Department, according to interest and future needs.

91-92 HONORS COURSE

One to three hours.

Projects and minor research studies in special fields of music, or creative work of an advanced nature. Enrollment limited to seniors of superior ability and achievement with permission of the Head of the Department.

APPLIED MUSIC

15b-16b BAND

One hour.

Study and performance of standard band repertoire. Frequent public appearances.

15c-16c CHOIR

One hour.

A study of choral literature and rendition of cantatas, oratorios and selected numbers of recognized merit. Regular public appearances.

15m-16m MALE CHORUS

One hour.

The study and performance of concert repertoire for male voices. Membership is limited; admission by try-out.

15o-16o ORCHESTRA

One hour

The study and performance of standard orchestral literature with occasional public performances.

21o-22o ORGAN

One or two hours.

Technique, theory and literature of the organ. Open to all students who have had some training in either piano or organ. Private lessons.

21p-22p PIANO

One or two hours.

Literature and technique of piano playing designed to develop in the students a discriminating appreciation of fine music and fine musical performance. Private lessons.

21s-22s STRINGS

One or two hours.

Private lessons in violin, viola, cello or bass. Course open to beginners as well as to students with previous training.

21v-22v VOICE

One or two hours.

Vocal technique, theory and literature. Open to all students who have adequate native ability with or without previous vocal training. Private lessons.

21w-22w WIND INSTRUMENTS

One or two hours.

Private lessons in basic brass and woodwind instruments. Open to beginners as well as to students with previous training.

51o-52o ADVANCED ORGAN

One or two hours.

Open only to students who can demonstrate satisfactorily their ability to play compositions equivalent in difficulty to the following: Bach—G minor Fugue (The Little). D minor Toccata and Fugue; or Widor—Toccata from Symphony V. Private lessons.

51p-52p ADVANCED PIANO

One or two hours.

Open only to more advanced students who can demonstrate satisfactorily their ability to perform compositions equivalent in difficulty to the following: Beethoven Op. 27 No. 2; Bach—Preludes and Fugues Nos. 2 and 21 (Vol. 1). They will be expected to perform in public recitals from time to time. Private lessons.

51s-52s ADVANCED STRINGS

One or two hours.

Open only to students who are able to play satisfactorily music equivalent in difficulty to the Kreutzer Etudes and DeBeriot Concertos for violin. Public performance required. Private lessons.

51v-52v ADVANCED VOICE

One or two hours.

Open only to students who have completed four semesters of voice study, can read at sight, have adequate use of at least one modern foreign language, and can demonstrate the ability to perform numbers equivalent in difficulty to standard operatic and lieder literature. Public performance required. Private lessons.

51w-52w ADVANCED WIND INSTRUMENTS

One or two hours.

Open only to students who are able to play satisfactorily music equivalent to the difficulty of the Klose Book II or Lazarus Book III for Clarinet. Public performance required. Private lessons.

Note: Applied music courses may be repeated for full credit. Only eight semester hours of work in Applied Music can be applied toward meeting the minimum requirements for the baccalaureate degree.

PERSONNEL ADMINISTRATION

F. H. KIRKPATRICK, *Senior Counselor*

REQUIREMENTS FOR FIELD OF CONCENTRATION IN PERSONNEL ADMINISTRATION

A minimum of eighteen hours in the Department of Economics and Business Administration which must include Economics 31-32, 47 or 48 and nine hours in the Department of Personnel Administration.

67-68 PRACTICUM

Two hours.

On-the-job experience in some phase of personnel administration or industrial relations following a well-planned program. May be taken in summer vacation or in semester when student is not in full-time residence. Open only to upper-division students with permission of the Head of the Department.

74 INDUSTRIAL MANAGEMENT

Three hours.

(Economics 74). The scientific management movement; location and layout of industrial plants; types of organization; standards of operation; purchasing and inventory control; wage payment plans; production control; research and inspection problems. Not offered in 1952-1953.

75 LABOR PROBLEMS

Three hours.

The position of the wage earner in modern industrial society; policies, methods and objectives of organized labor; meaning and determinants of labor supply and employment; collective bargaining; quest for security; social and economic objectives of industrial democracy. Prerequisite, Economics 31-32.

78 PERSONNEL MANAGEMENT

Three hours.

Procedures, activities and evaluation of personnel management and industrial relations in business and industry; selection and placement; job analysis and evaluation; training and promotion; job satisfaction, wage theory and procedures; manpower utilization. This course presupposes some knowledge of psychology and statistical method.

80 GOVERNMENT AND LABOR

Three hours.

The role of government in mediation, investigation and arbitration of labor disputes; regulatory and protective legislation; legislative and judicial appreciation of the economic, social and political problems involved. Reading and independent study. Prerequisites, Economics 75 and permission of instructor. Not offered in 1952-1953.

91-92 HONORS COURSE

One to three hours.

Minor research studies related to personnel administration and industrial relations. Library research and field studies. Enrollment limited to seniors of superior ability and achievement with permission of the Head of the Department.

PHILOSOPHY

53-54 HISTORY OF PHILOSOPHY

Three hours.

Western philosophical thought from the seventh century B. C. to modern times. The first semester will be devoted to a study of ancient and medieval philosophers. The second semester will begin with the Renaissance.

55 REFLECTIVE THINKING

Three hours.

Deductive and inductive reasoning; practice in the detection of logical fallacies.

56 ETHICS

Three hours.

The theory of the moral life as developed in the history of western thought and applied to personal and social problems.

61-62 PLATO

Three hours.

The philosophy of Plato and its influence on ancient and modern thought and culture. Prerequisite, Philosophy 53-54. Not offered in 1952-1953.

63 PHILOSOPHY OF RELIGION

Three hours.

The roots of religious experience, religious beliefs and practices such as the idea of God, immortality, prayer and the church; Humanism, Neo-Thomism. The approach is philosophical rather than theological. Not offered in 1952-1953.

64 PROBLEMS OF PHILOSOPHY

Three hours.

Five or six of the major problems of knowledge and existence as developed in the writings of great philosophers ranging from Plato to modern times. Prerequisite, Philosophy 53-54. Not offered in 1952-1953.

72 CONTEMPORARY PHILOSOPHY

Three hours.

Western philosophical thought since 1900. Prerequisite, Philosophy 53-54. Not offered in 1952-1953.

PHYSICAL EDUCATION AND HEALTH

J. J. KNIGHT, Senior Counselor

AIMS

To promote the health education and physical development of the student; to provide opportunities for students to participate in and secure a reasonable degree of proficiency in recreational activities; and to train physical education and play leaders for educational, industrial and community situations.

REQUIREMENTS FOR FIELD OF CONCENTRATION IN PHYSICAL EDUCATION

A minimum of thirty hours in the department which should include the following courses: Physical Education 15 or 16, 37, 73, 78, 83, 85; Sociology 31; Biology 11-12, 31 are recommended. Sequence of courses subject to approval of Senior Counselor.

REQUIREMENTS FOR ALL STUDENTS

Freshmen: Physical Education 11-12 is required. Physical Education 15 or 16 may be elected in the freshman or sophomore year or Biology 11 may be offered as a substitute. Sophomores: Physical Education 31-32 is required of all students but permission may be granted to substitute equivalent hours from Physical Education 27-28, 29-30, 43, 51-52 or work in varsity athletics.

Physical Education 15 or 16 is to be taken before the end of the sophomore year. One hour's credit will be given for a season's work in varsity athletics, i. e. football, basketball, track, baseball, cross country, and tennis, provided students enroll for Physical Education 31-32.

REQUIREMENTS FOR GRADUATION

All students are required to present six hours of credit in physical education for graduation, which must include Physical Education 15 or 16 or Biology 11.

Not more than a total of four hours credit toward graduation will be allowed from courses 11-12, 31-32, and varsity athletics.

All students will be required to pass a swimming achievement test prior to graduation. Students who are physically unfit as certified by the college physicians may petition to be allowed to substitute hours in other courses in lieu of activity courses in physical education. Students who are not candidates for a degree may be exempt from the requirement of physical education. Any petition for exemption from physical education should be addressed to the Committee on Admissions and Classifications.

**11-12 FRESHMEN ORIENTATION IN
PHYSICAL EDUCATION**

One hour.

The techniques and rules of a wide variety of team sports. An activity course. Three periods per week. Required of all freshmen. No tuition charge for this course.

15 or 16 PERSONAL HYGIENE

Two hours.

Fundamental knowledge of personal hygiene and how the health of the individual may be conserved. No tuition charge for this course.

27-28 TAP AND CHARACTER DANCING

One hour.

Elementary tap steps and combinations working up to finished routines and dances. An activity course. Two periods per week.

29-30 FOLK DANCING

One hour.

Folk dancing from many countries. English and American country dances studied during the first semester and European dances during the second semester. An activity course. Two periods per week.

31-32 SOPHOMORE PHYSICAL EDUCATION

One hour.

Individual sports; planned for sophomores who desire to elect a general recreation course. An activity course. Three periods per week. No tuition charge for this course.

36 COMMUNITY HYGIENE

Two hours.

Health matters pertaining to the social group; communicable diseases; vital statistics; legal and social regulations relating to personal and community health. Not offered in 1952-1953.

37 ELEMENTARY SWIMMING One hour.

Instruction for beginners in buoyancy and floatation. Preliminary tests for swimming and such strokes as elementary back, side, and crawl. An activity course. Three periods per week.

38 ADVANCED SWIMMING One hour.

Correct form of the more advanced strokes, as the trudgen, American crawl, racing back and breast, diving and life saving. An activity course. Three periods per week.

40 SOCIAL DANCING One hour.

Instruction in the modern social dance steps. Two periods per week.

42 GYMNASTICS AND APPARATUS One hour.

Various gymnastic systems and practice in apparatus. An activity course. Two periods per week.

43 TUMBLING AND STUNTS One hour.

Begins with individual stunts and advances to more intricate work. An activity course. Two periods per week.

44 OUR OUTDOORS One hour.

(Biology 44). Field study of man's natural environment from the standpoint of geology and biology. Estimated cost of the course to the student exclusive of tuition, including field trips, food and incidentals: \$5.00 to \$8.00. Enrollment limited to fifteen. Not open to freshmen.

47-48 THEORY AND PRACTICE OF TEAM SPORTS Two hours.

Intensive practice with opportunity for officiation in team sports for men and women.

51-52 MODERN DANCING One hour.

Contemporary dancing, emphasizing the use of the fundamental expressive movements in creative work. An activity course. Two periods per week.

53 COACHING FOOTBALL Two hours.

Fundamentals, offensive and defensive styles of play, rules of the game and officiating.

54 COACHING BASKETBALL Two hours.

Fundamentals, offensive and defensive styles of play, rules, officiating and the place of basketball in the intramural program. Alternates with Physical Education 56. Not offered in 1952-1953.

55 INTRAMURAL SPORTS Two hours.

Organization, administration and objectives of the intramural program of athletics.

56 BASEBALL, TRACK AND FIELD One hour.

Strategy and fundamentals of baseball, track and field. Alternates with Physical Education 54.

57 COMMUNITY RECREATION Three hours.

The philosophy of American recreation and community organization for leisure time activities.

58 RECREATION LEADERSHIP Three hours.

Recreational activities; practice in the administration of games, play-ground activities and handicrafts.

59 PREVENTION AND CARE OF INJURIES Two hours.

Common hazards of play and athletics. Preventative measures and treatment of injuries. Red Cross Aid Certificate may be earned by those who pass the examination. Not offered in 1952-1953.

62 TESTS AND MEASUREMENTS IN PHYSICAL EDUCATION Three hours.

Methods used in evaluating outcomes of the physical education program. Not offered in 1952-1953.

68 CORRECTIVE GYMNASTICS AND NORMAL DIAGNOSIS Three hours.

Variations of the normal types of the human organism at different age levels; therapeutic measures, especially those which refer to the correction of mechanical defects. Prerequisites, Biology 36 and 67 or 58. Not offered in 1952-1953.

70 KINESIOLOGY Three hours.

Fundamental body movements and their relation to body development and efficiency. Prerequisites, Biology 36 and 67 or 68. Alternates with Physical Education 72.

71 or 72 PHYSIOLOGY Three hours.

(Biology 71). Structure and functions of the human body; the mechanism of bodily movements, responses, reactions, and various physiological states. Prerequisites, Biology 11-12, and 35 or 36.

73 TEACHING OF HEALTH Three hours.

(Health Problems of the School Child). A course designed to provide students with opportunities to study health problems, activities, and methods of teaching the school child.

74 ORGANIZATION AND ADMINISTRATION OF PHYSICAL EDUCATION Three hours.

Administrative relationships and procedures in the conduct of physical education.

75-76 THEORY AND PRACTICE OF INDIVIDUAL SPORTS Two hours.

Intensive practice in badminton, archery, tennis, golf, and life-saving with a study of the rules of each and of methods used in teaching.

77 HISTORY OF PHYSICAL EDUCATION Two hours.

Development of physical education from ancient time to the present.

78 PRINCIPLES OF PHYSICAL EDUCATION Three hours.

Principles basic to a program of physical education in the modern educational system.

83 SEMINAR IN PHYSICAL EDUCATION One hour.

A survey of the field of health and physical education and the current literature relating to investigations in the field. Prerequisites, Physical Education 67 or 68 and 78. Open only to upper division students. Required of all students concentrating in the Field of Physical Education.

85 METHODS AND MATERIALS IN TEACHING PHYSICAL EDUCATION Three hours.

Methods, materials and techniques pertinent to the teaching of physical education.

**87-88 INDEPENDENT STUDY IN PHYSICAL
EDUCATION**

One to three hours.

Designed for those students who desire to do independent study in some special field. The field of study may be selected by the student, subject to the approval of the Head of the Department, according to interest and future needs.

91-92 HONORS COURSE

One to three hours.

Special problems and minor research studies in physical education. Enrollment limited to seniors of superior ability and achievement with permission of the Head of the Department.

PHYSICS*J. S. V. ALLEN, Senior Counselor***AIMS**

To introduce the field of physics to the general student; to teach the fundamentals of the science of physics to students who are training themselves for such professions as medicine, optometry, engineering and the teaching of physics; and to familiarize students expecting to enter graduate school with some of the more advanced subjects in physics.

REQUIREMENTS FOR FIELD OF CONCENTRATION IN PHYSICS

A minimum of twenty-four hours in the department with at least twelve hours on the upper division level. Students interested in science and engineering should elect Physics 52. Physics 91-92 and a reading knowledge of German and French are recommended for students expecting to do graduate work. Mathematics or chemistry is strongly recommended as the related field. Sequence of courses subject to approval of Senior Counselor.

11 or 12 ELEMENTS OF RADIO

Three hours.

Radio theory and practice; construction of oscillators, amplifiers and receivers. Not offered in 1952-1953.

17 ASTRONOMY

Two hours.

A course in descriptive astronomy, including observations with the 10-inch reflecting telescope. This non-technical course in beginning astronomy includes such topics as the solar system, satellites, eclipses, constellations, the galactic system, and exterior systems. Not offered in 1952-1953.

31-32 GENERAL PHYSICS

Four hours.

First semester: mechanics, heat and sound. Second semester: magnetism, electricity and light. A fundamental course which is a prerequisite to all advanced physics courses. Prerequisite, Mathematics 11 or its equivalent.

35 BASIC ELECTRONICS

Three hours.

A fundamental course in electronics, including such topics as electron emission, rectifiers, multi-electrode vacuum tubes, photoelectric devices, the cathode-ray oscillograph, thyratrons, ignitrons and industrial controls. Not offered in 1952-1953.

38 MODERN PHYSICS

Two hours.

The modern applications of physics; spectroscopy, radiation, wave mechanics, electronics and nuclear physics; specific topics included are the electron microscope, radar, the cyclotron and atomic power. Prerequisite, Physics 31-32 or permission of the Head of the Department. Offered in alternate years. Not offered in 1952-1953.

51 ELECTRICITY AND MAGNETISM

Three hours.

Electrostatics and magnetics, Maxwell's equations, electro-chemistry, circuit theory and electrical machinery; a consideration of the theoretical

and practical applications of electricity and magnetism. Prerequisites, Physics 31-32 and Mathematics 31-32.

52 MECHANICS**Three hours.**

A treatment of classical mechanics with application of principles and a brief consideration of wave mechanics. Prerequisites, Physics 31-32 and Mathematics 31-32.

53 HEAT**Three hours.**

Temperature, colorimetry, expansion, conductivity, change of state and radiation; thermodynamics and kinetic theory. Prerequisites, Physics 31-32 and Mathematics 31-32. Alternates with Physics 51. Not offered in 1952-1953.

54 ADVANCED LIGHT AND PHYSICAL OPTICS**Three hours.**

Theories of light, reflection, refraction, interference, diffraction, polarization, geometrical optics, optical instruments, vision and spectroscopy. Prerequisites, Physics 31-32 and Mathematics 31-32. Alternates with Physics 52. Not offered in 1952-1953.

56 ADVANCED RADIO**Three hours.**

The theory of transmitters, receivers, propagation, antennas, radar and television. Prerequisite, Physics 31-32.

61-62 LABORATORY IN ADVANCED PHYSICS**One or two hours.**

Supplementary to any of the upper division physics courses. Registration with permission of the Head of the Department.

65-66 SPECTROSCOPIC ANALYSIS**One hour.**

Use of the E-1 Hilger Spectrograph and auxiliary equipment for analytical work; original research and possible publication of the results. Registration with permission of the Head of the Department. Not offered in 1952-1953.

85 or 86 METHODS AND MATERIALS IN TEACHING**PHYSICS****Two or three hours.**

Methods and practice in classroom presentation and laboratory supervision. Collateral reading and reports on the history of physical science. Required of all students expecting to teach physics. Offered in alternate years.

87-88 INDEPENDENT STUDY**One to three hours.**

Designed for those students who desire to do independent study in some special field. The field of study may be selected by the student, subject to the approval of the Head of the Department, according to interest and future needs.

91-92 HONORS COURSE**One to three hours.**

Advanced experimental work and minor research problems in radioactivity, spectroscopy, radio and electronics, or in the field of the student's interest. Enrollment limited to seniors of superior ability and achievement with permission of the Head of the Department.

PHYSICAL SCIENCE**11-12 PHYSICAL SCIENCE****Three hours.**

A survey of the fields of astronomy, geology, physics and chemistry for students not planning to major in science. There will be an assessment of approximately two dollars per semester for field trips.

PSYCHOLOGY

A. LEITCH, *Senior Counselor*

AIMS

To acquaint the student with the facts and laws of behavior and mental life, especially in man, and with the experimental and scientific approach to problems in this field; to enable the student to develop a wholesome personality and to make adequate social adjustments; to give background preparation for professions which relate to individual and group behavior; to equip the student in an elementary way for practical work in mental measurements, personnel analysis and applied fields; and to lay a broad foundation for graduate work and professional study.

REQUIREMENTS FOR FIELD OF CONCENTRATION IN PSYCHOLOGY

A minimum of thirty semester hours in the department which must include Psychology 31-32, 59 or 60, 61, 62, 75 or 76 and 84. Highly desirable also are Biology 11 and Psychology 63. Sequence of courses subject to approval of Senior Counselor.

31-32 GENERAL PSYCHOLOGY

Three hours.

A systematic study of the most important facts and laws of behavior and mental life with emphasis on their practical significance in the professions, business, industry and personal life. Laboratory demonstrations.

53 SOCIAL PSYCHOLOGY

Three hours.

The behavior of the individual in social psychological relationships with special attention to the significance of motives and attitudes; problems related to adequate and inadequate social adjustments. Prerequisite, Psychology 31-32.

56 CHILD AND ADOLESCENT PSYCHOLOGY

Three hours.

The physical, intellectual, emotional, social, moral, and religious development of the individual in infancy, childhood and adolescence, with special attention to the more serious mental problems of children and adolescents. Prerequisites, Psychology 31-32 or 31 and 59 or 60.

57 PSYCHOLOGY OF PERSONALITY

Three hours.

The phenomena of personality with special attention to the psychology of adjustment; basic human drives; factors affecting personality formation; adequate and inadequate personality adjustments; the development of a wholesome personality; mental hygiene; personality tests. Prerequisite, Psychology 31-32.

58 ABNORMAL PSYCHOLOGY

Three hours.

Mental deficiency, the neuroses, the psychoses, (insanity) and abnormal traits in everyday life. Emphasis on causes, symptoms, prevention and treatment. Prerequisite, Psychology 31-32.

59 or 60 EDUCATIONAL PSYCHOLOGY

Three or four hours.

The nature and laws of learning; original nature as conditioning learning; the amount, rate, limit and permanence of improvement; factors and conditions affecting learning; transfer of training; mental fatigue, individual differences; efficient methods of study. Prerequisite, Psychology 31-32 or Psychology 31 with permission of instructor.

61 EXPERIMENTAL PSYCHOLOGY

Three hours.

Typical psychological experiments in sensory, motor, intellectual and emotional processes. Prerequisite, Psychology 31-32.

62 MENTAL MEASUREMENTS

Three hours.

The more important techniques for the measurement of general intelligence, primary mental abilities, special aptitudes, interests and attitudes; historical development of mental tests; use of mental tests in education and in out-of-school agencies. Laboratory work with individual and group tests. Prerequisite, Psychology 31-32, or 31 and 59 or 60.

63 STATISTICAL METHODS

Two hours.

Introduction to statistical concepts and techniques commonly used in psychological, sociological and educational research. Measures of central tendency, variability, reliability, psychological scaling techniques and correlation. Emphasis on interpretation and utility of various concepts. Not open to students who have taken Economics 47 or 48. Not offered in 1952-1953.

65 APPLIED PSYCHOLOGY

Three hours.

The application of psychological principles to problems in the fields of business, the professions and personal life. Prerequisite, Psychology 31-32. Not offered in 1952-1953.

68 CLINICAL METHODS

Three hours.

Methods and procedures for work in clinical psychology; integration of case histories, cumulative records; psychometric techniques, etc., in diagnosis and treatment. Prerequisites, Psychology 31-32, 58, and 62.

73 or 74 PERSONNEL AND INDUSTRIAL PSYCHOLOGY Three hours.

Psychological methods applied to problems in the industrial world; personnel selection and classification, accidents, fatigue, productivity, training, morale, attitude research. Prerequisites, Psychology 31-32 and preferably 62 and 63.

75 or 76 CONTEMPORARY SCHOOLS OF PSYCHOLOGY Three hours.

Historical development and evaluation of some of the more important trends and schools of contemporary psychology such as the structural and functional schools, behaviorism, psychoanalysis, Gestalt, etc. Open only to upper division students who have had Psychology 31-32 and preferably also 61 and 62.

84 SEMINAR IN PSYCHOLOGY

One or two hours.

A survey of the fields of psychological investigations and the current literature relating to investigations in these fields. Open only to seniors concentrating in the Field of Psychology.

87-88 INDEPENDENT STUDY IN PSYCHOLOGY One to three hours.

Designed for superior senior students who desire to do independent study in some special field. The field of study may be selected by the student, subject to the approval of the Head of the Department, according to interest and future needs.

91-92 HONORS COURSE

One to three hours.

Advanced projects and minor research studies. Readings, conferences, and reports on a field of special interest. Enrollment limited to seniors concentrating in the Field of Psychology and those seniors of superior ability and achievement with permission of the Head of the Department.

PUBLIC RELATIONS

E. E. ROBERTS, *Senior Counselor*

REQUIREMENTS FOR FIELD OF CONCENTRATION IN PUBLIC RELATIONS

A minimum of twelve hours in the Department of Journalism which must include Journalism 53, 55 and 63; a minimum of nine hours in the Department of Psychology which must include either Psychology 57 or Psychology 65; and six hours in public relations courses.

71 INTRODUCTION TO PUBLIC RELATIONS Three hours.

A definition of public relations; its place in business, industry and politics; the principles underlying the successful application of public relations.

72 APPLIED PUBLIC RELATIONS Three hours.

Case studies of actual public relations programs; the initiation and development of one such program; and a thorough study of one Department of Public Relations, selected by the individual student.

RELIGION

O. BOOTH, *Senior Counselor*

AIMS

To provide a focus of religious meanings for guidance of life and the integration of knowledge; to prepare students planning to enter the various branches of the Christian Ministry for graduate study in professional schools of religion; and to give enough professional training to enable a graduate of the College to enter immediately into Christian service as a minister or religious educator until such time as he may be able to continue in graduate study.

REQUIREMENTS FOR FIELD OF CONCENTRATION IN RELIGION

A minimum of twenty-four hours in the department of which eighteen hours shall be on upper division level. For pre-ministerial students a minimum of thirty hours which must include Old Testament 33, 34 and New Testament 31, 32. Sequence of courses subject to approval of Senior Counselor.

REQUIREMENTS FOR FIELD OF CONCENTRATION IN RELIGIOUS EDUCATION

A minimum of eighteen hours in Old Testament and New Testament, which must include Old Testament 33-34 and New Testament 31-32. Twelve hours in religious education, which should include Religious Education 79, 80. Sequence of courses subject to approval of Senior Counselor.

REQUIREMENTS FOR GRADUATION

Six hours of work in the English Bible are required of all students qualifying for graduation. The following courses may be taken without prerequisites to satisfy this requirement: In the freshman or sophomore year Old Testament 11 or 12 and New Testament 13 or 14; in the junior or senior year Old Testament 33-34, 55-56 or 71-72, or New Testament 31-32.

OLD TESTAMENT

11 or 12 INTRODUCTORY OLD TESTAMENT Three hours.

The history, literature and religion of the Hebrew people planned for the general student in the lower division only. Ministerial students will take Old Testament 33-34 instead of this course. Credit will not be given for both this course and Old Testament 33-34.

33-34 OLD TESTAMENT HISTORY Three hours.

The political and religious development of the Hebrew people to the time of the Maccabees. Required of all pre-ministerial students.

55-56 THE PROPHETS Three hours.

The origin and development of prophecy among the Hebrews with special attention to social and political backgrounds. Not offered in 1952-1953.

57-58 COMPARATIVE RELIGIONS Three hours.

A comparison of the most important features of various religions, including religions of primitives, Egypt, Babylonia, Assyria, Persia, Greece, Rome, Judaism, Christianity, India, China and Japan. This course does not satisfy the general requirement of six hours of Bible study. Not offered in 1952-1953.

71-72 THE BIBLE AS LITERATURE Three hours.

The origin, development and literary values of the various types of literature of the Bible.

NEW TESTAMENT**13 or 14 INTRODUCTORY NEW TESTAMENT** Three hours.

Study of the life and teachings of Jesus, the origin of the Christian church and the life of Paul; planned for the general student in the lower division only. Ministerial students will take New Testament 31-32 instead of this course. Credit will not be given for both this course and New Testament 31-32.

31-32 NEW TESTAMENT SURVEY Three hours.

A survey of all books of the New Testament. The first semester will be devoted to the Four Gospels. Required of all pre-ministerial students.

51 THE TEACHINGS OF JESUS Three hours.

The teachings of Jesus in relation to the movements of His time and to the Jewish and Greek backgrounds.

52 THE TEACHINGS OF PAUL Three hours.

The fundamental doctrines of the Epistles of Paul in the New Testament.

53 THE JEWISH BACKGROUND OF THE NEW TESTAMENT Three hours.

Political developments in Palestine; religious ideas, institutions and movements of Judaism from 2,000 B. C. to 100 A. D.

54 THE GREEK BACKGROUND OF THE NEW TESTAMENT Three hours.

The social, religious, economic, political and philosophical movements of the Greek and Roman world as they came to bear upon early Christian history and thought.

73-74 BIBLICAL DOCTRINE Three hours.

The various doctrines of the New Testament in relation to later Christian thinking. Not offered in 1952-1953.

CHURCH HISTORY**51-52 HISTORY AND LITERATURE OF THE DISCIPLES** Three hours.

The rise and development of the Restoration Movement of the Disciples of Christ, including an evaluation of the literature produced.

53 SURVEY OF MISSIONS OF DISCIPLES Two hours.

A survey of the history and present distribution of the missionary activities of the Disciples of Christ. Offered first semester only.

75 THE ANCIENT CHURCH Three hours.

Church history from its beginnings to the time of Charlemagne. Not offered in 1952-1953.

76 THE REFORMATION Three hours.

Church history from the time of Charlemagne to the close of the Reformation. Not offered in 1952-1953.

RELIGIOUS EDUCATION**56 CHILD AND ADOLESCENT PSYCHOLOGY** Three hours.

(Psychology 56). The physical, intellectual, emotional, social, moral, and religious development of the individual in infancy, childhood and adolescence with special attention to the more serious mental problems of children and adolescents. Prerequisites, Psychology 31-32 or 31 and 59 or 60.

59 or 60 EDUCATIONAL PSYCHOLOGY Three hours.

(Psychology 59 or 60). The nature and laws of learning; original nature as conditioning learning; the amount, rate, limit and permanence of improvement; factors and conditions affecting learning; transfer of training; mental fatigue; individual differences; efficient methods of study. Prerequisite, Psychology 31 or preferably 31-32.

65 AUDIO-VISUAL EDUCATION Two hours.

(Education 65). Stresses importance of proper utilization of visual and auditory materials and equipment including blackboards, maps, pictures, slides, motion pictures, radio and recordings; where to secure teaching materials; the development of resourcefulness in making use of what one has in a community and school. Students have laboratory experiences with both visual and auditory equipment.

76 GUIDANCE PRINCIPLES AND PRACTICES Two hours.

(Education 76). The purpose, procedures, and techniques of guidance work; the role of the teacher in a guidance program. This course should be elected by students who are planning to enter the field of education as teachers, counselors or administrators.

79 THEORY OF RELIGIOUS EDUCATION Three hours.

The principles of religious education; factors involved in religious growth and development; the functions of family, church and state in religious education.

80 EDUCATIONAL WORK OF THE CHURCH Three hours.

The total educational program of the church, with special emphasis on the Church School.

**86 METHODS AND MATERIALS IN TEACHING
RELIGIOUS EDUCATION** Three hours.

Week-day religious education; public school courses in religion and the vacation Church School. Not offered in 1952-1953.

HOMILETICS**59-60 READING THE ENGLISH BIBLE** One hour.

The oral interpretation of the English Bible. Not offered in 1952-1953.

61-62 THEORY OF PREACHING

Three hours.

The preparation and delivery of sermons. Alternates with Homiletics 63-64.

63-64 WORK OF THE PASTOR

Three hours.

The organization of the local church, financial methods, evangelism, worship and social program. Alternates with Homiletics 61-62. Not offered in 1952-1953.

RELIGION**83-84 SEMINAR IN THE DEPARTMENT OF
RELIGION**

One to three hours.

A seminar on the integration of the field of the comprehensive examination, conducted by various members of the department. Available only to students eligible to take the senior comprehensive examination within one year of the beginning of the course.

**87-88 INDEPENDENT STUDY IN THE DEPARTMENT
OF RELIGION**

One to three hours.

Designed for those students who desire to do independent study in some special field. The field of study may be selected by the student, subject to the approval of the Head of the Department, according to interest and future needs.

91-92 HONORS COURSE

One to three hours.

Special problems and minor research studies in religion. Readings, conferences, and reports on a field of special interest. Enrollment limited to seniors of superior ability and achievement with permission of the Head of the Department.

SECRETARIAL TRAINING**9 or 10 FUNDAMENTALS OF EXPRESSION**

No Credit

(English 9 or 10) A course for students who need help in mastering the fundamentals of good writing. Freshmen deficient in grammar and rhetoric may be required to take this course before enrolling in English 11-12. Enrollment is limited to twelve students. Two class meetings per week, plus conferences. This course cannot be counted toward the general requirements or as part of the course of study in the field of concentration.

23 or 24 BUSINESS MATHEMATICS

Two hours.

General review of all arithmetic principles with emphasis on the mathematics of business and rapid calculation. Not offered in 1952-1953.

41 or 42 ELEMENTARY TYPING

One hour.

Theory and practice of touch typing for personal use and as a basis for commercial typing. Four periods per week.

43 or 44 ADVANCED (COMMERCIAL) TYPING

One hour.

Commercial correspondence, manuscript typing, legal form, advanced speed studies, pre-transcription techniques. Experience on electric typewriter. Four periods per week.

45-46 SHORTHAND

Three hours.

Theory and practice of Gregg Simplified Shorthand, dictation, studies, pre-transcription techniques. Five periods per week.

47 TRANSCRIPTION

Three hours.

Building speed and accuracy in dictation and transcription. Five periods per week

48 OFFICE PRACTICE

Three hours.

Acquaintance of principal business machines, filing systems, telephone technique, advanced transcription, and actual office-situation experience. Prerequisites, Sec. Tr. 43 or 44, 47 or consent of instructor.

SOCIOLOGY

R. L. SCHANK, *Senior Counselor*

AIMS

To give students an understanding of human relationships, institutions and social processes; to familiarize them with the nature and causes of social problems; to give students deeper insight into the requirements of intelligent citizenship and useful participation in community life; to equip students with fundamental preparation for entering various kinds of social services; and to provide guidance for teaching sociology and for graduate or professional study.

REQUIREMENTS FOR FIELD OF CONCENTRATION IN SOCIOLOGY

A minimum of twenty-four hours in the department with eighteen hours in the upper division. It is recommended that students concentrating in sociology include in their course of study Psychology 53, 58 and 63; and Biology 33. Sequence of courses subject to approval of Senior Counselor.

27 FUNDAMENTAL SOCIAL PROBLEMS

Three hours.

(History 27). The recent background and development of the great social, economic and political forces of our own day. Includes the problems of war and peace, democracy and totalitarianism, capital and labor, and the welfare state.

28 FUNDAMENTAL SOCIAL PROBLEMS

Three hours.

The impact of social change; the major lags leading to social breakdowns; unemployment, poverty, dependency and disease; various deficiencies and maladjustments; programs for social adjustment.

31 PRINCIPLES OF SOCIOLOGY

Three hours.

The basic concepts and principles of sociology applied to modern society; social relations of the community; race and culture; social maladjustments; social processes, change and controls.

32 FAMILY RELATIONSHIPS

Three hours.

The development of marriage and family social functions; contemporary problems and tendencies of the family of today. Prerequisite, Sociology 31. Not offered in 1952-1953.

33 HEREDITY AND EUGENICS

Two hours.

(Biology 33). Modern theories and laws of heredity and their relation to man. Not offered in 1952-1953.

51 CRIMINOLOGY

Three hours.

The social processes by which individuals become criminals and delinquents; causative factors, techniques of control and the social treatment of crime. Prerequisite, Sociology 31.

53 SOCIAL PSYCHOLOGY

Three hours.

(Psychology 53). The behavior of the individual in social psychological relationships with special attention to the significance of motives and attitudes; problems related to adequate and inadequate social adjustments. Prerequisite, Psychology 31-32.

55 CULTURAL ANTHROPOLOGY

Two hours.

Primitive people and their institutions in prehistoric and more recent times; the presentation of a cultural perspective. Prerequisite, Sociology 31. Not offered in 1952-1953.

56 URBAN SOCIOLOGY

Two hours.

A study of the rise and growth of cities; the social organization and problems of the modern city; urban trends, structure and functions.

57 RURAL SOCIOLOGY

Two hours.

Consideration of the rural pattern of life; the institutions, culture and agencies functioning in the country and village life of today.

58 ABNORMAL PSYCHOLOGY

Three hours.

(Psychology 58). Mental deficiency, the neuroses, the psychoses (insanity) and abnormal traits in everyday life. Emphasis on causes, symptoms, prevention and treatment. Prerequisite, Psychology 31-32.

63 STATISTICAL METHODS

Two hours.

(Psychology 63). Introduction to statistical concepts and techniques commonly used in psychological, sociological and educational research. Measures of central tendency, variability, reliability, psychological scaling techniques and correlation. Emphasis on interpretation and utility of various concepts. Not open to students who have taken Economics 47 or 48. Not offered in 1952-1953.

65 COMMUNITY ORGANIZATION

Two hours.

The social structure and function of the modern community; the social, economic, and political organization of urban and rural populations; economic and social resources available for social welfare.

68 POPULATION PROBLEMS

Two hours.

Population theories and policies; qualitative aspects of the population problem with reference to eugenics, migration, and control of population. Prerequisite, Sociology 31. Not offered in 1952-1953.

73-74 SOCIAL THEORY

Two hours.

The various systems, classic and modern, for explaining the social behavior of individuals and groups; the nature of social control, chief social control devices, institutional pressures, and disruptive factors. Open to upper division students or by permission of the Senior Counselor.

76 INTRODUCTION TO PUBLIC WELFARE

Two hours.

An introduction to the fields of public welfare. Historical backgrounds and developments. Local, state and federal services. Public welfare problems, programs, and standards in public assistance, child welfare and other divisions of the field.

77 INTRODUCTION TO SOCIAL WORK

Two hours.

The basic principles and methods of social case work and their application in the treatment of individuals, families and groups. Open to upper division students or by permission of the Senior Counselor. Not offered in 1952-1953.

78 SOCIAL RECONSTRUCTION MOVEMENTS

Two hours.

Present-day efforts to control, direct, or oppose selected social trends; the forces, leaders and methods employed. Not offered in 1952-1953.

83-84 SEMINAR IN SOCIOLOGY**One hour.**

Required of all students concentrating in the Field of Sociology. This course has three purposes: to interpret the preceding work of the department; to offer instruction in the technique and methods of social research; and to give each student an opportunity to develop his particular interest in cooperation with the other members of the seminar group.

87-88 INDEPENDENT STUDY IN SOCIOLOGY**One to three hours.**

Designed for those students who desire to do independent study in some special field. The field of study may be selected by the student, subject to the approval of the Head of the Department, according to interest and future needs.

91-92 HONORS COURSE**One to three hours.**

Advanced projects and minor research studies. Readings, conferences, and reports on a field of special interest. Enrollment limited to seniors of superior ability with permission of the Head of the Department.

SPEECH AND DRAMATICS**31 INTRODUCTION TO SPEECH****Three hours.**

Introduction to the speech arts with emphasis on voice and diction, voice science, speech organization and delivery.

32 DISCUSSION AND DEBATE**Three hours.**

Survey of the techniques of discussion and debate. Practice in formal and impromptu speaking. Prerequisite, Speech 31 or its equivalent.

51 or 52 ORAL INTERPRETATION**Three hours.**

The techniques of oral reading. Consideration of poetry, and prose. Phonetics, principles of analysis, empathy, attention, imagery, and inflection. Prerequisite, Speech 31 or its equivalent. Alternates with English 75. Not offered in 1952-1953.

61 PLAY PRODUCTION**Three hours.**

Designed to promote an understanding and appreciation of the theatre through the learning of techniques in acting and theatre crafts, costume, make-up, stage lighting, scenery design and construction. Students participate in the preparation of college dramatic productions.

62 ACTING AND PANTOMIME**Three hours.**

Acting techniques from the standpoint of both the director and the actor; stress placed on interpretations of lines, make-up, and costuming; survey of classic and modern plays with consideration of production problems. Students participate in the preparation of college productions.

63 or 64 STAGE DIRECTION**Three hours.**

Study and practice in the fundamentals of stage direction. Aesthetic distance, emphasis, tempo, balance, unity, stage business, and interpretation of lines are considered. The class members direct short scenes.

67 INTRODUCTION TO RADIO AND TELEVISION**Three hours.**

History of broadcasting and telecasting. Organization within the industry. World systems of broadcasting and telecasting. Participating agencies. Programming and production procedures. The FCC and its role in Radio and Television. Audience Analysis.

68 ADVANCED RADIO PRODUCTION**Two hours.**

Techniques for producing and directing the radio show. Prerequisite, Speech 67.

71 RADIO AND PLAY WRITING**Three hours.**

(Journalism 71). A study of modern plays and radio scripts and the actual writing of one-act plays or radio scripts as the student may elect.

Directories for 1952-1953

Officers of Administration

BERNAL ROBINSON WEIMER.....	<i>Acting President of the College</i>
BERNAL ROBINSON WEIMER.....	<i>Dean of the Faculty</i>
FORREST HUNTER KIRKPATRICK.....	<i>Dean of Students</i>
WARNER GUSTAV PETERSON.....	<i>Treasurer and Business Manager</i>
EDGAR HUGH BEHYMER.....	<i>Librarian</i>
GERALD ALVAN GUILD.....	<i>Director of Admissions</i>

Board of Trustees

TERM EXPIRES JUNE, 1955

GEORGE J. BARTHOLD.....	Miners and Mechanics Savings and Trust Company, Steubenville, Ohio
REV. JOHN W. LOVE.....	435 Leonard Avenue, Washington, Pennsylvania
MISS PEARL MAHAFFEY.....	Bethany, West Virginia
CHARLES H. MANION.....	Follansbee Steel Corporation, Follansbee, W. Va.
EDMUND A. MARSHALL.....	Suite 900, First Huntington National Bank Bldg., Huntington 9, West Virginia
ROBERT MCKINNEY.....	Box 1705, Sante Fe, New Mexico
DR. J. PARK McMULLEN.....	Wellsburg, West Virginia
CHARLES E. PALMER.....	Peoples Union Bank, McKeesport, Pennsylvania
W. ARTHUR RUSH.....	Art Rush, Inc., 1418 North Highland, Hollywood 28, California
REV. HOLLIS L. TURLEY.....	Pension Fund of Disciples of Christ, 800 West Bldg., Indianapolis 4, Indiana
MRS. HELEN I. WYCKOFF.....	94 North Main Street, Perry, New York

TERM EXPIRES JUNE, 1954

DONALD L. BOYD.....	Standard Printing and Publishing Company, Box 1240, Huntington, West Virginia
MERRITT J. DAVIS.....	Hammond Bag & Paper Company, Wellsburg, W. Va.
ALBERT H. HUNT.....	Pittsburgh Consolidation Coal Company, 19th Floor—Koppers Bldg., Pittsburgh, Pa.
ROBERT D. HURL.....	Shelby Salesbook Company, Shelby, Ohio
M. J. KASARDA.....	Farmers and Merchants National Bank Bldg., Bellaire, Ohio
JOHN MARSHALL.....	Union Trust Building, Washington, D. C.
ROBERT H. MILLER.....	Traffic Manager, Pennsylvania Railroad Pittsburgh 22, Pennsylvania
DANIEL F. MULLANE.....	202 Kenneth Avenue, Greensburg, Pennsylvania
THOMAS W. PHILLIPS, JR.....	Phillips Hall, Butler, Pennsylvania
AUSTIN V. WOOD.....	Wheeling News Register, 1500 Main St., Wheeling, W. Va.

TERM EXPIRES JUNE, 1953

ROY S. ADKINS.....	North American Cement Corporation, 41 East 42nd Street, New York, N. Y.
FRANCIS O. CARFER.....	50 Lincoln Boulevard, Kenmore, New York
REV. A. DALE FIERs.....	222 Downey Avenue, Indianapolis, Indiana
FRANK P. JONES.....	340 King Street, Port Chester, New York
MAYNARD L. PATTON.....	Truax-Traer Coal Sales Co., Cincinnati 1, Ohio
SIDNEY C. PORTER.....	Box 765, East Liverpool, Ohio
DR. R. R. RENNER.....	12900 Euclid Avenue, East Cleveland, Ohio
KENNETH RESSEGER.....	Calfee, Fogg, McChord and Halter, Union Commerce Building, Cleveland 14, Ohio

Faculty Representative for 1951-1954: Professor R. H. Kyler

Officers of the Board

BERNAL R. WEIMER, *Acting President*

SIDNEY C. PORTER, *Chairman*

WARNER G. PETERSON, *Treasurer*

FORREST H. KIRKPATRICK, *Secretary*

COMMITTEES OF THE BOARD

1952-1953

EXECUTIVE COMMITTEE

Maynard L. Patton, Chairman; Donald L. Boyd, Merritt J. Davis, Robert D. Hurl, Michael J. Kasarda, Charles H. Manion, J. Park McMullen, Daniel F. Mullane, Sidney C. Porter, Kenneth Resseger.

FINANCE, BUDGET AND AUDIT

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INVESTMENT COMMITTEE

Daniel F. Mullane, Chairman; C. E. Palmer, W. H. Cramblet.

BUILDINGS AND GROUNDS

Donald L. Boyd, Chairman; Roy S. Adkins, George J. Barthold, Frank P. Jones, Michael J. Kasarda, Charles H. Manion.

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John W. Love, Chairman; F. O. Carfer, Miss Pearl Mahaffey, Robert H. Miller, Thomas W. Phillips, Jr., R. R. Renner, Hollis L. Turley.

NOMINATING COMMITTEE

Robert D. Hurl, Chairman; Donald L. Boyd, John Marshall, J. Park McMullen, Maynard L. Patton, Sidney C. Porter.

STUDENT-FACULTY-ALUMNI RELATIONS

C. E. Palmer, Chairman; Roy S. Adkins, Michael J. Kasarda, Kenneth Resseger, W. Arthur Rush, Mrs. Helen I. Wyckoff.

Faculty*

1952-1953

- (1) WILBUR HAVERFIELD CRAMBLET, *President of the College on the M. M. Cochran Foundation*. (1917, President 1934-1952).

A. B., Bethany College; A. M., Ph. D., Yale University; LL. D., University of Pittsburgh; D. D., Bethany College.

BERNAL ROBINSON WEIMER, *Acting President, Dean of the Faculty, Professor of Biology and Head of the Department*. (1921, Acting President 1952).

A. B., A. M., West Virginia University; Ph. D., University of Chicago.

- (2) JEAN CORRODI MOOS, *Professor-Emeritus of Music*. (1897-1934).

College of Music, Zurich; Royal Conservatory of Music, Leipzig; A. M., Mus. D., Bethany College; Oberlin College; Columbia University.

HENRY NEWTON MILLER, *Professor-Emeritus of Bible School Pedagogy on the Herbert Moninger Foundation*. (1914-1937).

A. B., A. M., Bethany College; Yale University; D. D., Bethany College.

PEARL MAHAFFEY, *Professor-Emerita of Modern Languages*. (1908-1949).

A. B., Miami University; University of California; A. M., Columbia University; University of Grenoble; McGill University; University of Paris; Harvard University; National University of Mexico; Litt. D., Bethany College.

ANDREW LEITCH, *Sarah B. Cochran Professor of Psychology and Head of the Department*. (1920).

A. B., A. M., Butler College; B. D., Ph. D., Yale University; Columbia University; University of Chicago; University of Pennsylvania; Harvard University.

- (3) IRVIN TAYLOR GREEN, *Professor of New Testament and Church History*. (1921).

A. B. Transylvania College; A. M., B. D., Bethany College; University of Chicago; D. D., Milligan College.

* The names are arranged in order of rank and seniority of appointment. The date in parentheses indicates the date of first appointment to the faculty.

(1) Resigned July 31, 1952.

(2) Deceased March 2, 1952.

(3) Deceased August 30, 1952.

- (1) FORREST HUNTER KIRKPATRICK, *Dean of Students and Professor*. (1927).
A. B., Bethany College; University of Dijon; A. M. and Prof. Dipl., Columbia University; University of Pittsburgh; University of London; LL. D., Bethany College.
- EMMETT EPHRIAM ROBERTS, *Professor of Journalism and Head of the Department*. (1928).
A. B., Ohio University; A. M., Ohio State University; New York University.
- OSBORNE BOOTH, T. W. *Phillips Professor of Old Testament and Head of the Department of Religion*. (1929).
A. B., Hiram College; B. D., Ph. D., Yale University; University of Chicago.
- JOHN J. KNIGHT, *Professor of Physical Education and Head of the Department*. (1930).
A. B., West Virginia Wesleyan College; University of Michigan; A. M., Ohio State University.
- JOHN STANLEY VALENTINE ALLEN, *Professor of Physics and Head of the Department*. (1933).
B. S. in E., M. S., Ph. D. Ohio State University.
- BENJAMIN CHANDLER SHAW, *George T. Oliver Professor of History and Political Science and Head of the Department*. (1935).
A. B., Rollins College; A. M., Ph. D., University of North Carolina; American Academy in Rome; Royal University, Perugia, Italy.
- EARL D. MCKENZIE, *Professor of Modern Languages and Head of the Department*. (1937).
A. B., Brown University; A. M., Columbia University; University of Frankfurt am Main; Yale University; M. Litt., Ph. D., University of Pittsburgh.
- (2) ERWIN C. PAUSTIAN, *Professor of Sociology and Head of the Department*. (1944).
A. B., Central Wesleyan College; A. M., Northwestern University; University of Chicago; University of Minnesota; Ph. D., Northwestern University.
- HARRY LAWRENCE ICE, *Director of Ministerial Training and Professor of Religion*. (1944).
A. B., A. M., Bethany College; Ph. D., George Washington University; D. D., Bethany College.
- CHARLES FLEMING BROWN, *Professor of Chemistry and Head of the Department*. (1946).
A. B., M. S., Ph. D., West Virginia University.

(1) On leave of absence, first semester of 1952-1953.

(2) Resigned June 10, 1952.

RUDOLPH H. KYLER, *Professor of Economics and Business Administration and Head of the Department.* (1946).

J. U. D., University of Breslau.

(1) KENNETH RIESCH, *Professor of Education and Head of the Department.* (1950).

B. Ed., Oshkosh State Teachers College; M. S., Ph. D., University of Wisconsin.

EDGAR LINDSLEY MCCORMICK, *Professor of English and Head of the Department.* (1950).

A. B., Kent State University; A. M., Ph. D., University of Michigan.

RICHARD L. SCHANCK, *Professor of Sociology and Head of the Department.* (1952).

A. B., A. M., Northwestern University; Ph.D., Syracuse University; University of London.

(2) EDGAR HUGH BEHYMER, *Librarian with rank of Associate Professor.* (1941).

A. B., Indiana University; A. B. L. S., University of Michigan; A. M., University of Chicago; University College, London.

BRADFORD TYE, *Associate Professor of Mathematics and Head of the Department.* (1943).

B. S., Alma White College; Rutgers University; M. S., New York University; Columbia University; University of Pittsburgh.

(3) GEORGE K. HAUPTFUEHRER, *Associate Professor of Music and Head of the Department.* (1945).

A. B., B. M., Friends University; A. M., University of Kansas; Pittsburgh Musical Institute; Juilliard School of Music; Indiana University.

DONALD E. FUOSS, *Associate Professor of Physical Education.* (1948).

A. B., Catawba College; University of Pittsburgh; A. M., Prof. Dipl., Ed. D., Columbia University.

MALVIN N. ARTLEY, *Associate Professor of Music and Acting Head of the Department for 1952-1953.* (1949).

B. M., Shenandoah Conservatory of Music; M. M., Cincinnati Conservatory of Music; Chicago Musical College.

WALTER C. GARLAND, *Associate Professor of Education and Acting Head of the Department.* (1952).

A. B., Heidelberg College; A. M., Ohio State University.

(1) Resigned August 15, 1952.

(2) On leave of absence, second semester 1951-1952.

(3) On leave of absence, 1952-1953.

- MARGARET ROBERTS WOODS, *Assistant Professor of Modern Languages*. (1943).
A. B., Wellesley College; A. M., Pennsylvania State College; Middlebury College; Columbia University; Colorado College; University of Besancon; University of San Luis Potosi.
- S. ELIZABETH REED, *Assistant Professor of Physical Education*. (1945).
A. B., Muskingum College; M. Ed., University of Pittsburgh; University of Wisconsin; New York University; University of Wyoming.
- HELEN LOUISE MCGUFFIE, *Assistant Professor of English*. (1947).
A. B., Bethany College; A. M., University of Pittsburgh; Columbia University.
- MARY ELEANOR TYLER, *Associate Dean of Students and Dean of Women*. (1950).
A. B., Oberlin College; A. M., Columbia University.
- JOHN DANIEL DRAPER, *Assistant Professor of Chemistry*. (1951).
B. S., Franklin and Marshall College; Ph. D., University of Maryland.
- ELIZABETH BELT, *Registrar and Secretary of the Faculty*. (1946).
A. B., Bethany College; Columbia University; M. Ed., University of Pittsburgh.
- ALBERT W. BLUEM, *Instructor in English*. (1950).
A. B., Western Reserve University; A. M., Ohio State University.
- CHARLES F. CONKLIN, *Instructor in Economics and Business Administration*. (1950).
A. B., Waynesburg College; A. M., University of Pittsburgh.
- RUTH ELLEN GEIB, *Instructor in Biology*. (1950).
A. B., Heidelberg College; A. M., Indiana University; Ohio State University.
- GEORGE WILLIAM HETTLER, *Instructor in Modern Languages and Dean of Men*. (1950).
A. B., Bethany College; A. M., Columbia University; Middlebury College.
- EUGENE C. SNEARY, *Instructor in Modern Languages*. (1950).
B. S., Central Michigan College; Wayne University; A. M., Oklahoma Agricultural and Mechanical College; Escuela Normal Superior de Colombia, Bogota.
- WILLIAM L. YOUNG, *Instructor in History and Political Science*. (1950).
A. B., Bethany College; A. M., Ohio State University.
- EDNA WELLING WOOLERY (MRS.), *Assistant Librarian*. (1951).
A. B., Bethany College; B. L. S., Columbia University.
- LAWRENCE W. BECKER, *Instructor in Art*. (1951).
A. B., Eastern Kentucky State College; A. M., George Peabody College for Teachers.

MARGARET MATHISON, *Instructor in Education*. (1951).

A. B., M. Litt, University of Pittsburgh; University of Southern California; Pennsylvania State College.

BARBARA ANN BRADFORD, *Instructor in Physical Education for 1951-1952*.

A. B., Wagner College; A. M., Columbia University.

ROLLIN S. EATON, *Instructor in Music*. (1952).

B. M., William Penn College; Oberlin College; University of Iowa; Drake University; University of Indiana; Juilliard School of Music; M. A., New York University; Boston University.

ALBERT O. KEAN, *Minister, Bethany Memorial Church and Instructor in Religion*. (1952).

A. B., College of Wooster; B. D., Yale University.

LOUISE NANNETTE FLETCHER, *Associate in English*.

A. B., Bethany College; University of Pittsburgh.

RUTH LESLIE, *Associate in Religion*.

A. B., Bethany College; M. A., College of Missions, Columbia University.

WILMA MONINGER SHANER (MRS.), *Associate in Biology*.

A. B., Bethany College.

PHYLLIS WEBER SNEARY (MRS.), *Associate in Music*.

B. M., Northwestern University.

HENRY MAZER, *Lecturer in Music*.

Director, Wheeling Symphony Orchestra.

OFFICE OF TREASURER AND BUSINESS MANAGER

WARNER G. PETERSON.....*Treasurer and Business Manager*
A. B., Allegheny College; Ohio State University

W. W. PILCHARD.....*Superintendent, Buildings and Grounds*

JAMES GRIBBEN.....*Chief Engineer*

HARRY MILTON MYERS.....*Chief Bookkeeper*

WILLA M. THOMPSON.....*Manager of Food Service*
B. S., Columbia University.

PAUL E. WHITE.....*Manager of College Stores*

OFFICE OF DEAN OF STUDENTS

- ELIZABETH BELT.....*Registrar*
A. B., Bethany College; Columbia University; M. Ed., University of Pittsburgh.
- MARY ELEANOR TYLER.....*Associate Dean of Students and Dean of Women*
A. B., Oberlin College; A. M., Columbia University.
- G. WILLIAM HETTLER.....*Dean of Men*
A. B., Bethany College; A. M., Columbia University; Middlebury College.
- LOUISE N. FLETCHER.....*Vocational Counselor*
A. B., Bethany College; University of Pittsburgh.

SUPERVISORS OF RESIDENCE HALLS

- WINIFRED NELSON WEBSTER (MRS.).....*Phillips Hall*
- MARY BELLE CARMAN.....*Zeta Tau Alpha*
- ADDA MORRIS (MRS.).....*Gateway Hall*
- WILLA MARGARET HURT (MRS.).....*Alpha Xi Delta*
- VIRA M. HETTLER.....*Phi Mu*
- ETHEL D. METZNER.....*Kappa Delta*
- MARGARET WILSON (MRS.).....*Alpha Sigma Phi*

STUDENT HEALTH SERVICE

- F. D. LARGE, M. D. *College Physician*
B. S., Washington and Jefferson College; M. D. Temple University
- CATHERINE SPRINGER, R. N. *College Nurse and Supervisor of Infirmary*
- ADELAIDE DEMOS..... *Part-time Assistant Nurse*

OFFICE OF DIRECTOR OF ADMISSIONS

GERALD A. GUILD *Director of Admissions*
 Keene Teachers College; B. S., Boston University

JOHN C. PARSONS *Assistant Director of Admissions*
 A. B., Carleton College, Boston University.

RICHARD H. BOYD *Director of Publicity*
 A. B., Bethany College

BARBARA ETTER (MRS.) *Secretary*

OTHERS ON ADMINISTRATIVE STAFF

MARGUERITE FIELDS (MRS.) *Secretary to the President*

NANCY HASTINGS *Secretary to Associate Dean of Students*

JOY LEWIS (MRS.) *Secretary to the Dean of Faculty*

ROBIN GARVIN (MRS.) *Secretary to the Dean of Students*

HELEN CROSS (MRS.) *Secretary to the Registrar*

SHIRLEY MORRIS *Secretary to Manager of Food Service*

COMMITTEES OF THE FACULTY

1952-1953

ADMISSIONS AND CLASSIFICATIONS

Mr. Kirkpatrick, Chairman; Miss Belt, Mr. Leitch, Mr. Tye,
 Mr. Weimer, Mr. Shaw.

ATHLETICS AND PHYSICAL RECREATION

Mr. Brown, Chairman; Mr. Fuoss, Mr. Knight, Miss Reed, Mr. Roberts.

CALENDAR AND ACTIVITIES

Miss Tyler, Chairman; Mr. Artley, Mr. Hettler, Mr. Knight,
 Mr. McCormick.

CHAPEL

Mr. Booth, Chairman; Mr. Allen, Mr. Artley, Mr. Hettler, Mr. Draper.

COLLEGE MEMORABILIA AND CAMPBELL MANSION

Mr. Weimer, Chairman; Mr. Behymer, Mrs. Woolery, Mr. Young.

CONVOCATION

Miss Woods, Chairman; Mr. Artley, Mr. Behymer, Mr. Bluem, Mr. Young.

DRAMA AND RADIO

Mr. McCormick, Chairman; Mr. Allen, Mr. Bluem, Mr. Kirkpatrick, Mr. Roberts.

FACULTY WELFARE AND SECURITY

Mr. Leitch, Chairman; Mr. Kyler, Miss McGuffie, Mr. McKenzie, Mr. Shaw.

GANS AWARD

Mr. Weimer, Chairman; Mr. Allen, Miss Belt, Mr. Brown, Mr. Roberts.

HONORS

Mr. McKenzie, Chairman; Mr. Tye, Mr. Kyler, Mr. Kirkpatrick, Mr. Weimer.

LECTURES AND CONCERTS

Miss McGuffie, Chairman; Mr. Artley, Mr. Conklin, Mr. Shaw, Miss Tyler.

LIBRARY

Mr. Weimer, Chairman; Mr. Behymer, Mr. Kyler, Mr. McCormick, Mr. Shaw.

MINISTERIAL TRAINING AND GRANTS

Mr. Ice, Chairman; Mr. Booth, Mr. Kirkpatrick, Mr. Leitch, Mr. Weimer.

RELIGIOUS LIFE

Mr. Allen, Chairman; Mr. Booth, Miss Geib, Mr. Kean, Mr. Knight.

SCHOLARSHIPS AND FINANCIAL AIDS

Mr. Kirkpatrick, Chairman; Mr. Guild, Mr. Knight, Miss McGuffie, Mr. Peterson, Miss Tyler, Mr. Weimer.

TEACHER TRAINING

Mr. Garland, Chairman; Miss Belt, Miss Mathieson, Mr. Shaw, Mr. Sneary.

FACULTY SENATE

Mr. Allen; Mr. Behymer; Mr. Booth; Mr. Brown; Mr. Garland; Mr. Hauptfuehrer; Mr. Kirkpatrick; Mr. Knight; Mr. Kyler; Mr. Leitch; Mr. McCormick; Mr. McKenzie; Mr. Roberts; Mr. Schanck; Mr. Shaw; Mr. Tye; Mr. Weimer.

FACULTY COUNSELORS

FOR FRESHMEN

Mr. Allen, Mr. Artley, Miss Belt, Mr. Conklin, Mr. Hettler, Mr. Kirkpatrick, Mr. Knight, Miss Mathison, Mr. McCormick, Miss McGuffie, Mr. McKenzie, Miss Reed, Mr. Roberts, Miss Tyler, Miss Woods, Mr. Young.

FOR FIELDS OF CONCENTRATION

<i>Applied Mathematics</i>	MR. TYE
<i>Biology</i>	MR. WEIMER
<i>Business Administration</i>	MR. KYLER
<i>Chemistry</i>	MR. BROWN
<i>Comparative Literature</i>	MR. MCKENZIE
<i>Economics</i>	MR. KYLER
<i>Education</i>	MR. GARLAND
<i>English</i>	MR. MCCORMICK
<i>History and Political Science</i>	MR. SHAW
<i>Journalism</i>	MR. ROBERTS
<i>Mathematics</i>	MR. TYE
<i>Merchandising</i>	MR. KYLER
<i>Modern Languages (French, German, Spanish)</i>	MR. MCKENZIE
<i>Music</i>	MR. ARTLEY
<i>Personnel Administration</i>	MR. KIRKPATRICK
<i>Physical Education</i>	MR. KNIGHT
<i>Physics</i>	MR. ALLEN
<i>Pre-Medical</i>	MR. WEIMER
<i>Psychology</i>	MR. LEITCH
<i>Public Relations</i>	MR. ROBERTS
<i>Religion</i>	MR. BOOTH
<i>Religious Education</i>	MR. BOOTH
<i>Sociology</i>	MR. SCHANCK

FOR OTHER CAREER INTERESTS

<i>Dentistry</i>	MR. WEIMER
<i>Engineering</i>	MR. ALLEN
<i>Government</i>	MR. YOUNG
<i>Law</i>	MR. SHAW
<i>Library</i>	MR. BEHYMER
<i>Nursing</i>	MISS TYLER
<i>Radio and Drama</i>	MR. BLUEM
<i>Recreational Leadership</i>	MR. KNIGHT
<i>Social Work</i>	MR. SCHANCK
<i>Teaching</i>	MR. GARLAND
<i>Veterinary Medicine</i>	MR. WEIMER

FOR SPECIAL SERVICES

<i>Gans Fund Grants</i>	MR. WEIMER
<i>Fellowships and Scholarships</i>	MR. KIRKPATRICK
<i>Fulbright Grants</i>	MR. KIRKPATRICK
<i>Foreign Study</i>	MR. MCKENZIE
<i>Ministerial Training</i>	MR. ICE
<i>Selective Service</i>	MISS BELT
<i>Social and Recreational Activities</i>	MISS TYLER
<i>Vocational Information and Guidance</i>	MISS FLETCHER

Degrees and Honors

HONORARY DEGREES CONFERRED

ON OCTOBER 3, 1951

DOCTOR OF LAWS

Lawrence A. Appley, New York, New York

ON JUNE 8, 1952

DOCTOR OF HUMANE LETTERS

Arthur C. Stifel, Wheeling, West Virginia

DOCTOR OF LAWS

Foster B. Doane, Chicago, Illinois

DOCTOR OF SCIENCE

H. J. Rand, Cleveland, Ohio

George M. Sutton, Norman, Oklahoma

DOCTOR OF DIVINITY

Wilbur H. Cramblet, Bethany, West Virginia

Edward S. Moreland, Cincinnati, Ohio

DEGREES CONFERRED IN COURSE

CLASS OF 1952

ON JUNE 8, 1952

BACHELOR OF ARTS

Summa Cum Laude

Margaret Bogelmann
Narka Lee Keller

Davis Glenn Rose
Lucretia Ann Woolery

Magna Cum Laude

William Emery Coggins

Evelynne M. Holl
Mildred Erna Kocornik

Cum Laude

Irene Carols Nichols

Shirley Anderson Rosie
Jerry Moore Sullivan

Rite

Beverly Jean Akins	Gerald E. McConn
Barbara Marie Albrecht	Edgar Russell McGregor
Marjorie Ruth Berseth	Thomas L. Miller
Constance Ann Boettcher	John Ronald Morrison
Rosemarie Kathleen Bramel	Edwin Vance Murphy
Theo Christman	M. Gaylord Murphy
Claire Connelly Clark	Richard Wayne Murphy
Marc Dallanegra	Bernard M. Oakes
C. Libby Davidson	Nancy O'Donoghue
Joan Muriel DuPont	Florence Charlotte Oltmer
Joanne Eberle	Gladys Fern Owens
Suzanne Voorhees Elder	Robert Edward Pendergast
Shirley Ann Elliott	Madlyn Piccirilli
Olin B. Feagin, Jr.	Dayton Earl Pryor
Gerald Byrd Forbes	Keith Leroy Rice
Elmer Harry Freese	Esther Louise Ries
Jack H. Friedman	Peter Joseph Romagnoli
Diane Patricia Greany	Dorothy Karla Schumacher
George Saunders Green	John Finley Scott
John C. Grubel	Jerry R. Shearer (in absentia)
Almon Lyle Hazard	Richard Tarr
James Runk Hettler	Robert S. Tatlock
Claire Marie Irving	Walter Raymond Thomas, Jr.
"J" Darwin King	Lisbeth Ann Thompson
Frank La Bella, Jr.	Ethel Ann Tiberg
Joan Paula Lallone	Ronald Allen Topp, Jr.
Kenneth Martin Lashen	Stuart Raymond Watkins
Anna May Branson Leswing	Richard Malcolm Whitehead
Donald Caldwell LeVine	Dudley C. Wilkins
Thomas Caldwell LeVine	Helen Jane Wolfe
Eleanor Evans Loerch	(Now: Mrs. Alexander Stein)
Francis Paul Mazziotta	Henry C. Wrublewski

BACHELOR OF SCIENCE

Cum Laude

Rodney Beck Hurl

Rite

Barbara Rose Hettinger	Arthur Herbert Murk
Ross James Huhn	Henry Alexis Rithner, III
Lesly Ann Kimball	Thomas Francis Rozanski
Philip H. Kleinfeld	Bernard F. Stubbs, Jr.

Roster of Students

ACADEMIC YEAR

1951-1952

SENIORS

Akins, Beverly Jean	98 Harrington Avenue, Westwood, N. J.
Albrecht, Barbara Marie	206 Hillside Avenue, Mount Vernon, N. Y.
Bendall, John Wentworth	219 W. 6th Avenue, Roselle, N. J.
Berseth, Marjorie Ruth	132 Linnview Avenue, Pittsburgh 10, Pa.
Boettcher, Constance Ann	Box 77, Bethany, W. Va.
Bogelmann, Margaret Emma	19 Benmore Avenue, Franklin Sq., L. I., N. Y.
Bramel, Rosemarie Kathleen	104 Bellmore Street, Floral Park, N. Y.
Brown, Joan Marie	Box 215, Bethany, W. Va.
Buist, Elsie Louise	25 Sunnywood Drive, Westfield, N. J.
Christman, Theo	7 Great Oak Road, Manhasset, L. I., N. Y.
Clark, Claire C.	10801 Lynbrook Drive, Los Angeles 24, Calif.
Clarke, Charles H.	896 Prospect Avenue, Steubenville, Ohio
Clarke, David Frederick	32 Ridgewood Avenue, Wheeling, W. Va.
Coggins, William E.	56 Hawthorne Avenue, Glen Ridge, N. J.
Dallanegra, Marc	7 Cathedral Avenue, Nutley 10, N. J.
Davidson, C. Libby	700 West 178th Street, New York 33, N. Y.
DuPont, Joan M.	85 Dover Road, Manhasset, L. I., N. Y.
Eberle, Joanne	146 Sunset Lane, Tenafly, N. J.
Elder, Suzanne V.	451 Chestnut Street, New Castle, Pa.
Elliott, Shirley Ann	314 Elizabeth Avenue, Pittsburgh, Pa.
Forbes, Gerald Byrd	1806 West Sixth Street, Ashtabula, Ohio
Freese, Elmer H.	4028 Eoff Street, Wheeling, W. Va.
Friedman, Jack Harold	133 W. 7th Avenue, Tarentum, Pa.
Germon, Wesley Marion	R. F. D. #1, Wellsburg, W. Va.
Gilliland, Richard W.	Fulton Park Apartments C-15, White Plains, N. Y.
Greany, Diane Patricia	14 Daisy Place, Tenafly, N. J.
Green, George Saunders	Box 4, Bethany, W. Va.
Grubel, John C.	392 E. 19th Street, Paterson, N. J.
Hazard, Almon Lyle	Little Genesee, N. Y.
Hettinger, Barbara Rose	1208 The Strand, West Englewood, N. J.
Hettler, James Runk	R. F. D. #3, Elyria, Ohio
Hoffman, Charles Ferdinand	38 Drexel Street, Croton-on-Hudson, N. Y.
Holl, Evelynne Marie	11950 Sector Avenue, Cleveland 11, Ohio
Hoover, Ashby Bee	R. F. D. #3, Mechanicsburg, Pa.
Huhn, Ross J.	Liberty Street, Smithfield, Pa.
Irving, Claire Marie	253 Everett Place, Englewood, N. J.
Keller, Narka Lee	2144 Marshall Avenue, Elm Grove, W. Va.
Kimball, Lesly A.	818 Woodyly Road, Atlanta, Ga.
King, J. Darwin	Box 251, Hopwood, Pa.
Kocornik, Mildred Erna	9 West View Road, West Orange, N. J.
LaBella, Frank	Old County Road, Demarest, N. J.
Lallone, Joan	990 Alpine Drive, Teaneck, N. J.
Lashen, Kenneth Martin	118 Fourth Street, California, Pa.
Leswing, Anna May B.	138 Greenwood Avenue, Jenkintown, Pa.
LeVine, Donald Caldwell	2360 Birtley Avenue, Pittsburgh 26, Pa.
LeVine, Thomas Caldwell	2360 Birtley Avenue, Pittsburgh 26, Pa.
Mazziotta, Frank Paul	12 DeVausney Place, Nutley, N. J.
McConn, Gerald Edward	Bethany, W. Va.
McGregor, Edgar Russell	Shawnee Hills, Wheeling, W. Va.
Miller, Thomas Lee	202 Grant Avenue, Moundsville, W. Va.

Morrison, John Ronald	732 Cove Road, Weirton, W. Va.
Murk, Arthur Herbert, Jr.	228 Summit Avenue, Bogota, N. J.
Murphy, Edwin V.	10 37th Street, Wheeling, W. Va.
Murphy, Gaylord M.	R.F.D. #2, Marianna, Pa.
Murphy, Richard Wayne	164 Audubon Drive, Snyder 21, N. Y.
Nicholas, Irene Carols	2513 Warwood Avenue, Wheeling, W. Va.
Nowacki, J. Richard	109 Marshall Street, Benwood, W. Va.
Oakes, Bernard Marion	809 Harrison Street, Princeton, W. Va.
O'Donoghue, Nancy	8 Fiske Road, Wellesley Hills, Mass.
Oltmer, Florence Charlotte	Demarest, N. J.
Ott, John Edward	1027 Virginia Street, Martins Ferry, Ohio
Owens, Gladys Fern	Box 3, Bethany, W. Va.
Owens, Owen	Dennis Star Route, Weatherford, Texas
Pendergast, Robert E.	1085 Warren Avenue, Brockton, Mass.
Piccirilli, Madlyn Josephine	83 Chester Avenue, Bloomfield, N. J.
Pryor, Dayton Carl	3115 Bramar Road, Camp Hill, Pa.
Rice, Keith LeRoy	R. F. D. #1, Mingo Junction, Ohio
Ries, Esther Louise	2710 Jacob Street, Wheeling, W. Va.
Rithner, Henry A. III	332 Commerce Street, Wellsburg, W. Va.
Romagnoli, Pietro Pierre	966 Clifton Street, Follansbee, W. Va.
Rose, Davis Glenn	1120 S. Carolina Street, Louisiana, Missouri
Rosie, Shirley Anderson	132 Sylvan Avenue, West Hartford 7, Conn.
Rozanski, Thomas Francis	35 Turner Street, Plymouth, Pa.
Schumacher, Dorothy Karla	454 Prospect Avenue, Mount Vernon, N. Y.
Scott, John Finley	34 Thayer Street, Washington, Pa.
Sullivan, Jerry Moore	423 Fifth Street, N. W., New Philadelphia, Ohio
Tarr, William Richard	2023 Marianna Street, Wellsburg, W. Va.
Tatlock, Robert Shanks	930 Meigs Avenue, Jeffersonville, Ind.
Thomas, Walter Raymond, Jr.	Box E, Russells Point, Ohio
Thompson, Elizabeth Ann	169 Cherry Lane, Teaneck, N. J.
Tiberg, Ethel A.	466 East 56th Street, Mount Vernon, N. Y.
Topp, Ronald Allen	Highland Park, Wheeling, W. Va.
Whitehead, Richard M.	71 7th Street, Wellsburg, W. Va.
Wilkins, Dudley C.	59 S. Woodland Avenue, Woodbury, N. J.
Wolfe, Robert L.	R. F. D. #1, Wheeling, W. Va.
Woolery, Lucretia Ann	Box 125, Bethany, W. Va.
Wrubleski, Henry C.	70 Park Avenue, Naugatuck, Conn.

JUNIORS

Aldrich, William Albright	480 North Market Street, East Palestine, Ohio
Altemese, Danny Pete	Main Street, New Martinsville, W. Va.
Anderson, Gordon Sherwood	197 Stowe Street, Jamestown, N. Y.
Aver, Diana Davis	181 Main Street, Kingston, Mass.
Baird, Kathryn H.	Terry Apartments, Carlisle Pike, R. F. D. #4, Mechanicsburg 4, Pa.
Balsinger, Jo Ann	Box 391, Bridgeville, Pa.
Bellas, John Alexander	Pleasant Hills, Wellsburg, W. Va.
Bender, William J.	250 Bank Street, Waterbury, Conn.
Bennett, Homer Lampson	28 Fourth Street, Oakland, Md.
Bernhard, Mark Alexander	2625 Grand Concourse, New York 68, N. Y.
Birkhimer, Richard Thomas	571 Virginia Avenue, Chester, W. Va.
Blamick, Wesley Eric	Box 530, Lincoln Way, McKeesport, Pa.
Blomeke, Frederick Donald	18 Terrace Avenue, Nutley 10, N. J.
Bonar, William Dewey	West Liberty, W. Va.
Boone, William John	Conotton, Ohio
Boyd, Charles Jackson	Wenga Farm, Armonk, N. Y.
Brady, Charles Richard	345 Tyler Avenue, Washington, Pa.

Cable, Forrestine Elizabeth	211 Orlando Street, Johnstown, Pa.
Campbell, Peggy Ann	3459 Riverview Drive, Weirton, W. Va.
Carr, Joanne	3540 Brightway, Weirton, W. Va.
Coble, Dorothy Joanne	324 W. Main Street, Uniontown, Pa.
Cochran, Mary E.	Main and Railroad Streets, Dawson, Pa.
Cole, Audrey Estelle	180 North Broadway, Nyack, N. Y.
Cook, Emily Louise	R. F. D. #2, Belle Vernon, Pa.
Devinney, Jane R.	758 Cleveland Avenue, Elizabeth 3, N. J.
Dingman, Jane Audrey	58 Saratoga Avenue, Yonkers 5, N. Y.
Doster, Harold Charles	6682 Seneca Road, Cleveland 24, Ohio
Ford, Donald Robert	1427 Atlantic Street, Warren, Ohio
Frazier, Peter Parson	Greenwich Road, Bedford, N. Y.
Garate, Bonita Solis	57 Bixley Heath, Lynbrook, N. Y.
Gargle, Albert Solomon	Pine Hill Lodge, Mount Freedom, N. J.
Gates, Charles Richard	Box 296, Perrysville, Pa.
Gordon, John Wood	104 Main Street, Belle Vernon, Pa.
Gusta, Joanna	2503 Market Street, Wheeling, W. Va.
Hall, Paul B.	R. F. D. #1, Markleton, Pa.
Hare, John Richard	West Alexander, Pa.
Hertel, Bruce Marshall	367 Conniston Avenue, Pittsburgh 10, Pa.
Hindman, Mary Ann	618 N. McKean Street, Butler, Pa.
Hopkins, John Edward	1212 Oakglen Street, Pittsburgh 4, Pa.
Ierise, Nicodemus Frank	1045 Main Street, Follansbee, W. Va.
Johnson, Herbert R.	402 Stowe Street, Jamestown, N. Y.
Jolly, Robert K.	3318 Dodds Avenue, Chattanooga, Tenn.
Jordan, Lois Ann	223 West Liberty Street, Punxsutawney, Pa.
Keiser, Paul David	#2 Mifflin Apartments, Butler, Pa.
Kimmel, Jeffrey W.	30 East 91st Street, Brooklyn, N. Y.
Kirk, Wayne Stevenson	540 Terrace Street, Aliquippa, Pa.
Lauber, Nanette Jane	152 Highwood Avenue, Tenaflly, N. J.
LaVilla, Robert Eugene	2325 Southern Boulevard, New York 60, N. Y.
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Petursson, Petur	Sudurgata 20, Reykjavik, Iceland
Pyle, M. Eleanor	R. F. D. #1, Bethany, W. Va.
Robinson, Derith (Mrs.)	Forest Hills, Wheeling, W. Va.
Shaw, Lucile (Mrs.)	Bethany, W. Va.
Snyder, Shirley A.	1115 Indiana Street, Martins Ferry, Ohio
Stock, Lucille (Mrs.)	R. F. D. #1, Wellsburg, W. Va.
Teimourian, Bahman	32 Amol Street, Teheran, Iran
Valanos, Anastasios L.	10 Amynta, Salonica, Greece

ACADEMIC YEAR
1951-1952

ENROLLMENT BY CLASSES

	<i>Men</i>	<i>Women</i>	<i>Total</i>
Senior	53	34	87
Junior	56	38	94
Sophomore	100	55	155
Freshmen	97	58	155
Unclassified	17	19	36
Total	323	204	527

ENROLLMENT BY STATES AND FOREIGN COUNTRIES

California	2
Connecticut	4
Delaware	3
England	1
Florida	1
France	1
Georgia	1
Greece	4
Iceland	1
Illinois	3
Indiana	7
Iowa	1
Iran	3
Maryland	6
Massachusetts	6
Michigan	5
Missouri	2
New Jersey	63
New York	78
Ohio	56
Pennsylvania	150
Tennessee	1
Texas	1
West Virginia	126
Western Caroline Island	1
Total	527

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JULY 1952

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College Calendar for 1952-1953

First Semester

1952

September 18-19, Thursday and Friday—Faculty Seminar.
September 21, Sunday—Dormitories open to new students.
September 22 to 24, Monday to Wednesday—Orientation and Evaluation for new students.
September 24, Wednesday—Registration Day for all students.
September 25, Thursday—8:00 A. M., Classes begin for all students.
October 11, Saturday—Fall Homecoming for alumni and former students.
October 21, Tuesday—7:30 P. M., Faculty meeting.
October 23 to 30, Tuesday to Thursday—Religious Emphasis Week.
November 15, Saturday—Mid-semester grades are called.
November 19, Wednesday—"Day in Pittsburgh."
November 27, Thursday—Thanksgiving—A college holiday.
December 1, Monday—Election to Recognition Societies.
December 3, Wednesday—Round Table for Student Presidents.
December 6, Saturday—Modern Language Reading Test.
December 9, Tuesday—7:30 P. M., Faculty meeting.
December 17, Wednesday—6:00 P. M., All College Christmas Dinner Party.
December 18, Thursday—4:00 P. M., Christmas recess begins.

1953

January 5, Monday—8:00 A. M., Christmas recess ends.
January 17, Saturday—Advance Enrollment for Second Semester to be completed.
January 26 to 30, Monday to Friday—Final Examinations for First Semester.

1953

Second Semester

February 1, Sunday—Dormitories open for new students.
February 2-3, Monday and Tuesday—Orientation and Evaluation for new students.
February 3, Tuesday—Registration Day for all students.
February 4, Wednesday—8:00 A. M., Classes begin for all students.
February 17, Tuesday—7:30 P. M., Faculty meeting.
March 2, Monday—Founders Day.
March 28, Saturday—Mid-semester grades are called.
March 28, Saturday—12:00 Noon, Easter recess begins.
April 7, Tuesday—8:00 A. M., Easter recess ends.
April 23-24, Thursday and Friday—Career Conference.
April 25, Saturday—Modern Language Reading Test.
April 27, Monday—Election to Recognition Societies.
May 2, Saturday—May Morning Breakfast for college women.
May 7, Thursday—Honors Day.
May 9, Saturday—Advance Enrollment for First Semester of next year to be completed.
May 10, Sunday—Mother's Day.
May 12, Tuesday—Reading period begins for Seniors.
May 25-26, Monday and Tuesday—Graduate Record Examination.
May 27, Wednesday—Comprehensive Examination in Field of Concentration—Written Part.
May 28 to 30, Thursday to Saturday—Comprehensive Examination in Field of Concentration—Oral Part.
June 1 to 5, Monday to Friday—Final Examinations for Second Semester.
June 4, Thursday—11:00 A. M., Faculty meeting.
June 5, Friday—2:00 P. M., Annual meeting of Board of Trustees.
June 6, Saturday—Alumni Day.
June 7, Sunday—112th Annual Commencement.

BEQUESTS

Gifts to the college may take the form of lectureships, of scholarships, of professorships, of additions to the material equipment, or of contributions to the permanent endowment fund or the current expense fund of the college. Special conditions may, of course, be attached to any gift. Forms of bequests are suggested as follows:

A. UNRESTRICTED BEQUEST

I give, devise, and bequeath to the Trustees of the Bethany College, a corporation established by law at Bethany in the State of West Virginia, the sum of_____dollars, to be applied to the general uses and purposes of the said institution.

B. UNRESTRICTED BEQUEST MAKING THE COLLEGE RESIDUARY LEGATEE

All the rest, residue, and remainder of any estate, real and personal, I devise and bequeath to the Trustees of the Bethany College, a corporation established by law at Bethany in the State of West Virginia, to be applied to the general uses and purposes of the said institution.

C. BEQUEST FOR ENDOWMENT

I give, devise, and bequeath to the Trustees of the Bethany College, a corporation established by law at Bethany in the State of West Virginia, the sum of_____dollars to be invested and preserved inviolably for the endowment of Bethany College.

